



EMSL Analytical, Inc.

14375 23rd Avenue North Minneapolis, Mn 55447

Tel/Fax: (763) 449-4922 / (763) 449-4924

<http://www.EMSL.com / minneapolislab@emsl.com>

EMSL Order: 351606143

Customer ID: TEHC25

Customer PO:

Project ID:

Attention: Chris Burns
Tetra Tech, Inc.
1 South Wacker Dr.
Suite 3700
Chicago, IL 60606

Project: Tocon Property Asbestos

Phone: (312) 201-7700

Fax:

Received Date: 08/26/2016 9:20 AM

Analysis Date: 08/26/2016

Collected Date: 08/25/2016

Test Report: Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	LOD (fib/cc)	Fibers/mm ²	Fibers/cc	Notes
1	TPA-N2-016-082516	8/25/2016	2980.40	<5.5	100	0.001	<7.01	<0.001	
351606143-0001									
2	TPA-N1-017-082516	8/25/2016	3772.98	<5.5	100	0.001	<7.01	<0.001	
351606143-0002									
3	TPA-NE-018-082516	8/25/2016	3322.82	<5.5	100	0.001	<7.01	<0.001	
351606143-0003									
4	TPA-W2-019-082516	8/25/2016	2980.40	<5.5	100	0.001	<7.01	<0.001	
351606143-0004									
5	Field Blank 20	8/25/2016		<5.5	100		<7.01		Field Blank
351606143-0005									

The results reported have been blank corrected as applicable.

Analyst(s):

George Sullivan PCM (5)

Rachel Travis, Laboratory Manager
or Other Approved Signatory

*Following EMSL Analytical SOP Asbestos and Other Fibers by PCM. Limit of detection is 7 fibers/mm². Intra-laboratory Sr values: 5-20 fibers = 0.35, 21-50 fibers = 0.30, 51-100 fibers = 0.20. The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. Results have been blank corrected as applicable. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc. Minneapolis, Mn

Initial Report From: 08/26/2016 14:02:29

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

EMSL ANALYTICAL, INC.

6143

PHONE: ()
FAX: ()

Company : Tetra Tech		EMSL-Bill to: <input type="checkbox"/> Same <input checked="" type="checkbox"/> Different <small>If Bill to is Different note instructions in Comments**</small>	
Street: 1 S Wacker Drive		<i>Third Party Billing requires written authorization from third party</i>	
City: Chicago	State/Province: IL	Zip/Postal Code: 60606	Country: United States
Report To (Name): Chris Burns and Andre Baker		Fax #:	
Telephone #: 312.201.7719 312.201.7760		Email Address: Chris.burns@tetratech.com Andre.baker@tetratech.com	
Project Name/Number: Tocon Property Asbestos			
Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email		Purchase Order:	
		U.S. State Samples Taken: Indiana	
Turnaround Time (TAT) Options* - Please Check			
<input type="checkbox"/> 3 Hour <input type="checkbox"/> 6 Hour <input checked="" type="checkbox"/> 24 Hour <input type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input checked="" type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week			
<small>*For TEM Air 3 hr through 6 hr, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.</small>			
PCM - Air <input checked="" type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA PLM - Bulk (reporting limit) <input type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)		TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input checked="" type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312 TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	
		TEM- Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167) Soil/Rock/Vermiculite <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> EPA Protocol (Semi-Quantitative) <input type="checkbox"/> EPA Protocol (Quantitative) Other: <input type="checkbox"/>	
<input type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group			
Samplers Name: Andre Baker		Samplers Signature:	
Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
1	TPA-N2-016-082516	2980.40 L	8/25/16
2	TPA-N1-017-082516	3772.98 L	8/25/16
3	TPA-NE-018-082516	3322.82 L	8/25/16
4	TPA-W2-019-082516	2980.40 L	8/25/16
5	Field Blank 20		
6			
7			
Client Sample # (s): -		Total # of Samples: 4	
Relinquished (Client): Andre Baker		Date: 8/25/16	Time:
Received (Lab):		Date: 8/26/16	Time: 9:20
Comments/Special Instructions: PCM Sample has a 24 hr TAT TEM has 1 Week TAT *** Please invoice Dennis Linley (dlinley@ctlaboratories.com) CT Labs and Copy Report			

8094 2523 5730



EMSL Analytical, Inc.

14375 23rd Avenue North, Minneapolis, Mn 55447

Phone/Fax: (763) 449-4922 / (763) 449-4924

<http://www.EMSL.com>

minneapolislab@emsl.com

EMSL Order: 351606143

CustomerID: TEHC25

CustomerPO:

ProjectID:

Attn: **Chris Burns**
Tetra Tech, Inc.
1 South Wacker Dr.
Suite 3700
Chicago, IL 60606

Phone: (312) 201-7700
Fax:
Received: 08/26/16 9:20 AM
Analysis Date: 9/1/2016
Collected: 8/25/2016

Project: **Tocon Property Asbestos**

Test Report: Asbestos Analysis of Air Samples by Transmission Electron Microscopy via NIOSH Method 7402

Sample	Volume (Liters)	Non Asbestos Fibers	PCM F/cc	Asbestos Type(s)	Asbestos Fibers	Asbestos % of total	7402 Adjusted (TEM) F/cc	Notes
1 351606143-0001	2980.40	0	<0.001			0	<0.001	
2 351606143-0002	3772.98	0	<0.001			0	<0.001	
3 351606143-0003	3322.82	1	<0.001			0	<0.001	
4 351606143-0004	2980.40	0	<0.001			0	<0.001	

NIOSH 7402 method only reports fibers > 5µm in length and > 0.25µm in width.

This method requires a minimum of 2 field blank analyses per set. The above results are not blank corrected

Average number of asbestos fibers on field blanks: n/a

Average number of non-asbestos fibers on field blanks: n/a

Analyst(s)

Lynn Scott (4)

Rachel Travis, Laboratory Manager
or other approved signatory

EMSL is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. The above report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL Analytical, Inc. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc. Minneapolis, Mn

Initial report from 09/01/2016 13:42:22

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

EMSL ANALYTICAL, INC.

6143

PHONE: ()
FAX: ()

Company : Tetra Tech		EMSL-Bill to: <input type="checkbox"/> Same <input checked="" type="checkbox"/> Different <small>If Bill to is Different note instructions in Comments**</small>	
Street: 1 S Wacker Drive		<i>Third Party Billing requires written authorization from third party</i>	
City: Chicago	State/Province: IL	Zip/Postal Code: 60606	Country: United States
Report To (Name): Chris Burns and Andre Baker		Fax #:	
Telephone #: 312.201.7719 312.201.7760		Email Address: Chris.burns@tetrattech.com Andre.baker@tetrattech.com	
Project Name/Number: Tocon Property Asbestos			
Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email		Purchase Order:	
		U.S. State Samples Taken: Indiana	
Turnaround Time (TAT) Options* - Please Check			
<input type="checkbox"/> 3 Hour <input type="checkbox"/> 6 Hour <input checked="" type="checkbox"/> 24 Hour <input type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input checked="" type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week			
<small>*For TEM Air 3 hr through 6 hr, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.</small>			
PCM - Air <input checked="" type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA PLM - Bulk (reporting limit) <input type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)		TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input checked="" type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312 TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	
		TEM- Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167) Soil/Rock/Vermiculite <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> EPA Protocol (Semi-Quantitative) <input type="checkbox"/> EPA Protocol (Quantitative) Other: <input type="checkbox"/>	
<input type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group			
Samplers Name: Andre Baker		Samplers Signature:	
Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
1	TPA-N2-016-082516	2980.40 L	8/25/16
2	TPA-N1-017-082516	3772.98 L	8/25/16
3	TPA-NE-018-082516	3322.82 L	8/25/16
4	TPA-W2-019-082516	2980.40 L	8/25/16
5	Field Blank 20		
6			
7			
Client Sample # (s): -		Total # of Samples: 4	
Relinquished (Client): Andre Baker		Date: 8/25/16	Time:
Received (Lab):		Date: 8/26/16	Time: 9:20
Comments/Special Instructions: PCM Sample has a 24 hr TAT TEM has 1 Week TAT *** Please invoice Dennis Linley (dlinley@ctlaboratories.com) CT Labs and Copy Report			

8094 2523 5730



EMSL Analytical, Inc.

14375 23rd Avenue North Minneapolis, Mn 55447

Tel/Fax: (763) 449-4922 / (763) 449-4924

<http://www.EMSL.com / minneapolislab@emsl.com>

EMSL Order: 351606186

Customer ID: TEHC25

Customer PO:

Project ID:

Attention: Chris Burns
Tetra Tech, Inc.
1 South Wacker Dr.
Suite 3700
Chicago, IL 60606

Project: Tocon Property Asbestos

Phone: (312) 201-7700

Fax:

Received Date: 08/29/2016 8:00 AM

Analysis Date: 08/29/2016

Collected Date: 08/26/2016

Test Report: Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	LOD (fib/cc)	Fibers/mm ²	Fibers/cc	Notes
1	TPA-N1-022-082616	8/26/2016	4275.28	<5.5	100	0.001	<7.01	<0.001	
351606186-0001									
2	TPA-S1-024-082616	8/26/2016	4165.00	<5.5	100	0.001	<7.01	<0.001	
351606186-0002									
3	TPA-SW-021-082616	8/26/2016	4594.59	<5.5	100	0.001	<7.01	<0.001	
351606186-0003									
4	TPA-W2-023-082616	8/26/2016	4579.14	5.5	100	0.001	7.01	0.001	
351606186-0004									
5	Field Blank 25	8/26/2016		<5.5	100		<7.01		Field Blank
351606186-0005									

The results reported have been blank corrected as applicable.

Analyst(s):

Rachel Travis PCM (5)

Rachel Travis, Laboratory Manager
or Other Approved Signatory

*Following EMSL Analytical SOP Asbestos and Other Fibers by PCM. Limit of detection is 7 fibers/mm². Intra-laboratory Sr values: 5-20 fibers = 0.35, 21-50 fibers = 0.30, 51-100 fibers = 0.20. The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. Results have been blank corrected as applicable. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc. Minneapolis, Mn

Initial Report From: 08/29/2016 16:30:03

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

EMSL ANALYTICAL, INC.

PHONE: ()
FAX: ()

6186

Company : Tetra Tech		EMSL-Bill to: <input type="checkbox"/> Same <input checked="" type="checkbox"/> Different <small>If Bill to is Different note instructions in Comments**</small>	
Street: 1 S Wacker Drive		<i>Third Party Billing requires written authorization from third party</i>	
City: Chicago	State/Province: IL	Zip/Postal Code: 60606	Country: United States
Report To (Name): Chris Burns and Andre Baker		Fax #:	
Telephone #: 312.201.7719 312.201.7760		Email Address: Chris.burns@tetrattech.com Andre.baker@tetrattech.com	
Project Name/Number: Tocon Property Asbestos			
Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email		Purchase Order: <input type="checkbox"/> U.S. State Samples Taken: Indiana	
Turnaround Time (TAT) Options* - Please Check			
<input type="checkbox"/> 3 Hour <input type="checkbox"/> 6 Hour <input checked="" type="checkbox"/> 24 Hour <input type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input checked="" type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week			
<small>*For TEM Air 3 hr through 6 hr, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.</small>			
PCM - Air <input checked="" type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA PLM - Bulk (reporting limit) <input type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)		TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input checked="" type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312 TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	
		TEM- Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167) Soil/Rock/Vermiculite <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> EPA Protocol (Semi-Quantitative) <input type="checkbox"/> EPA Protocol (Quantitative) Other:	
<input type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group			
Samplers Name: Andre Baker		Samplers Signature:	
Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
1	TPA-N1-022-082616	4275.28 L	8/26/16
2	TPA-S1-024-082616	4165.00 L	8/26/16
3	TPA-SW-021-082616	4594.59 L	8/26/16
4	TPA-W2-023-082616	4579.14 L	8/26/16
5	Field Blank 25		
6			
7			
Client Sample # (s):		Total # of Samples: 4	
Relinquished (Client): Andre Baker		Date: 8/26/16	Time: 1:00 PM
Received (Lab): <i>[Signature]</i>		Date: 8/29/16	Time: 8 AM DB
Comments/Special Instructions: PCM Sample has a 24 hr TAT TEM has 1 Week TAT *** Please invoice Dennis Linley (dlinley@ctlaboratories.com) CT Labs and Copy Report FE			

8094 25 23 5725



EMSL Analytical, Inc.

14375 23rd Avenue North Minneapolis, Mn 55447

Tel/Fax: (763) 449-4922 / (763) 449-4924

<http://www.EMSL.com / minneapolislab@emsl.com>

EMSL Order: 351606223

Customer ID: TEHC25

Customer PO:

Project ID:

Attention: Chris Burns
Tetra Tech, Inc.
1 South Wacker Dr.
Suite 3700
Chicago, IL 60606

Project: Tocon Property Asbestos

Phone: (312) 201-7700

Fax:

Received Date: 08/30/2016 9:20 AM

Analysis Date: 08/30/2016

Collected Date: 08/29/2016

Test Report: Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	LOD (fib/cc)	Fibers/mm ²	Fibers/cc	Notes
1	TPA-W2-026-082916	8/29/2016	2983.37	<5.5	100	0.001	<7.01	<0.001	
351606223-0001									
2	TPA-W1-027-082916	8/29/2016	4112.50	<5.5	100	0.001	<7.01	<0.001	
351606223-0002									
3	TPA-SW-028-082916	8/29/2016	5315.15	<5.5	100	0.001	<7.01	<0.001	
351606223-0003									
4	TPA-N1-029-082916	8/29/2016	3793.89	<5.5	100	0.001	<7.01	<0.001	
351606223-0004									
5	Field Blank 030	8/29/2016		<5.5	100		<7.01		Field Blank
351606223-0005									

The results reported have been blank corrected as applicable.

Analyst(s):

George Sullivan PCM (5)

Rachel Travis, Laboratory Manager
or Other Approved Signatory

*Following EMSL Analytical SOP Asbestos and Other Fibers by PCM. Limit of detection is 7 fibers/mm². Intra-laboratory Sr values: 5-20 fibers = 0.35, 21-50 fibers = 0.30, 51-100 fibers = 0.20. The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. Results have been blank corrected as applicable. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc. Minneapolis, Mn

Initial Report From: 08/30/2016 13:48:12



EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRAINING

Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

EMSL ANALYTICAL, INC.

0223

PHONE ()
FAX ()

Company : Tetra Tech		EMSL-Bill to: <input type="checkbox"/> Same <input checked="" type="checkbox"/> Different If Bill to is Different note instructions in Comments**	
Street: 1 S Wacker Drive		Third Party Billing requires written authorization from third party	
City: Chicago	State/Province: IL	Zip/Postal Code: 60606	Country: United States
Report To (Name): Chris Burns and Andre Baker		Fax #:	
Telephone #: 312.201.7719 312.201.7760		Email Address: Chris.burns@tetrattech.com Andre.baker@tetrattech.com	

Project Name/Number: Tocon Property Asbestos	
Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email	Purchase Order: U.S. State Samples Taken: Indiana

Turnaround Time (TAT) Options* - Please Check							
<input type="checkbox"/> 3 Hour	<input type="checkbox"/> 6 Hour	<input checked="" type="checkbox"/> 24 Hour	<input type="checkbox"/> 48 Hour	<input type="checkbox"/> 72 Hour	<input type="checkbox"/> 96 Hour	<input checked="" type="checkbox"/> 1 Week	<input type="checkbox"/> 2 Week

*For TEM Air 3 hr through 6 hr, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.

PCM - Air <input checked="" type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA PLM - Bulk (reporting limit) <input type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)	TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input checked="" type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312 TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	TEM- Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167) Soil/Rock/Vermiculite <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> EPA Protocol (Semi-Quantitative) <input type="checkbox"/> EPA Protocol (Quantitative) Other:
---	---	--

☐ Check For Positive Stop - Clearly Identify Homogenous Group

Samplers Name: Andre Baker	Samplers Signature:
----------------------------	---------------------

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
1	TPA-W2-026-082916	2983.37 L	8/29/16
2	TPA-W1-027-082916	4112.50 L	8/29/16
3	TPA-SW-028-082916	5315.15 L	8/29/16
4	TPA-N1-029-082916	3793.89 L	8/29/16
5	Field Blank G30		
6			
7			

Client Sample # (s):	Total # of Samples: 4
----------------------	-----------------------

Relinquished (Client): Andre Baker	Date: 8/29/16	Time:
------------------------------------	---------------	-------

Received (Lab): <i>[Signature]</i> FE	Date: 8/30/16	Time: 9:20
---------------------------------------	---------------	------------

Comments/Special Instructions: PCM Sample has a 24 hr TAT TEM has 1 Week TAT *** Please invoice Dennis Linley (dlinley@ctlaboratories.com) CT Labs and Copy Report



EMSL Analytical, Inc.

14375 23rd Avenue North, Minneapolis, Mn 55447

Phone/Fax: (763) 449-4922 / (763) 449-4924

<http://www.EMSL.com>

minneapolislab@emsl.com

EMSL Order: 351606249

CustomerID: TEHC25

CustomerPO:

ProjectID:

Attn: **Chris Burns**
Tetra Tech, Inc.
1 South Wacker Dr.
Suite 3700
Chicago, IL 60606

Phone: (312) 201-7700
Fax:
Received: 08/29/16 8:00 AM
Analysis Date: 9/6/2016
Collected: 8/26/2016

Project: **Tocon Property Asbestos**

Test Report: Asbestos Analysis of Air Samples by Transmission Electron Microscopy via NIOSH Method 7402

Sample	Volume (Liters)	Non Asbestos Fibers	PCM F/cc	Asbestos Type(s)	Asbestos Fibers	Asbestos % of total	7402 Adjusted (TEM) F/cc	Notes
1 351606249-0001	4275.28	0	<0.001			0	<0.001	
2 351606249-0002	4165	0	<0.001			0	<0.001	
3 351606249-0003	4594.59	0	<0.001			0	<0.001	
4 351606249-0004	4579.14	0	0.001			0	<0.001	

NIOSH 7402 method only reports fibers > 5µm in length and > 0.25µm in width.

This method requires a minimum of 2 field blank analyses per set. The above results are not blank corrected

Average number of asbestos fibers on field blanks: n/a

Average number of non-asbestos fibers on field blanks: n/a

Analyst(s)

Lynn Scott (3)

Rachel Travis (1)

Rachel Travis, Laboratory Manager
or other approved signatory

EMSL is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. The above report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL Analytical, Inc. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc. Minneapolis, Mn

Initial report from 09/06/2016 14:49:13



EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS - TRAINING

Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

EMSL ANALYTICAL, INC.

6249 6186 KLG

PHONE: ()
FAX: ()

Company: Tetra Tech		EMSL-Bill to: <input type="checkbox"/> Same <input checked="" type="checkbox"/> Different If Bill to is Different note instructions in Comments**	
Street: 1 S Wacker Drive		Third Party Billing requires written authorization from third party	
City: Chicago	State/Province: IL	Zip/Postal Code: 60606	Country: United States
Report To (Name): Chris Burns and Andre Baker		Fax #:	
Telephone #: 312.201.7719 312.201.7760		Email Address: Chris.burns@tetrattech.com Andre.baker@tetrattech.com	
Project Name/Number: Tocon Property Asbestos			
Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email <input type="checkbox"/> Purchase Order:		U.S. State Samples Taken: Indiana	
Turnaround Time (TAT) Options* - Please Check			
<input type="checkbox"/> 3 Hour <input type="checkbox"/> 6 Hour <input checked="" type="checkbox"/> 24 Hour <input type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input checked="" type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week			
*For TEM Air 3 hr through 6 hr, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.			
PCM - Air <input checked="" type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA PLM - Bulk (reporting limit) <input type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)		TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input checked="" type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312 TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	
		TEM - Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167) Soil/Rock/Vermiculite <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> EPA Protocol (Semi-Quantitative) <input type="checkbox"/> EPA Protocol (Quantitative) Other: <input type="checkbox"/>	
<input type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group			
Samplers Name: Andre Baker		Samplers Signature:	
Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
1	TPA-N1-022-082616	4275.28 L	8/26/16
2	TPA-S1-024-082616	4165.00 L	8/26/16
3	TPA-SW-021-082616	4594.59 L	8/26/16
4	TPA-W2-023-082616	4579.14 L	8/26/16
5	Field Blank 25		
6			
7			
Client Sample # (s):		Total # of Samples: 4	
Relinquished (Client): Andre Baker		Date: 8/26/16	Time: 1:30 PM
Received (Lab): <i>[Signature]</i>		Date: 8/29/16	Time: 8 AM DB
Comments/Special Instructions: PCM Sample has a 24 hr TAT TEM has 1 Week TAT *** Please invoice Dennis Linley (dlinley@ctlaboratories.com) CT Labs and Copy Report FE			

**EMSL Analytical, Inc.**

14375 23rd Avenue North, Minneapolis, Mn 55447

Phone/Fax: (763) 449-4922 / (763) 449-4924

<http://www.EMSL.com>minneapolislab@emsl.com

EMSL Order: 351606251

CustomerID: TEHC25

CustomerPO:

ProjectID:

Attn: **Chris Burns**
Tetra Tech, Inc.
1 South Wacker Dr.
Suite 3700
Chicago, IL 60606

Phone: (312) 201-7700
Fax:
Received: 08/30/16 9:20 AM
Analysis Date: 9/7/2016
Collected: 8/29/2016

Project: **Tocon Property Asbestos**

Test Report: Asbestos Analysis of Air Samples by Transmission Electron Microscopy via NIOSH Method 7402

Sample	Volume (Liters)	Non Asbestos Fibers	PCM F/cc	Asbestos Type(s)	Asbestos Fibers	Asbestos % of total	7402 Adjusted (TEM) F/cc	Notes
1 351606251-0001	2983.37	2	<0.001			0	<0.001	
2 351606251-0002	4112.50	0	<0.001			0	<0.001	
3 351606251-0003	5315.15	1	<0.001			0	<0.001	
4 351606251-0004	3793.89	0	<0.001			0	<0.001	

NIOSH 7402 method only reports fibers > 5µm in length and > 0.25µm in width.

This method requires a minimum of 2 field blank analyses per set. The above results are not blank corrected

Average number of asbestos fibers on field blanks: n/a

Average number of non-asbestos fibers on field blanks: n/a

Analyst(s)

Rachel Travis (4)Rachel Travis, Laboratory Manager
or other approved signatory

EMSL is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. The above report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL Analytical, Inc. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc. Minneapolis, Mn

Initial report from 09/07/2016 13:33:11

Asbestos Chain of Custody

EMSL ANALYTICAL, INC.



EMSL Order Number (Lab Use Only):

6251 6223 KLG

PHONE ()
FAX ()EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRAINING

Company : Tetra Tech		EMSL-Bill to: <input type="checkbox"/> Same <input checked="" type="checkbox"/> Different <small>(If Bill to is Different note instructions in Comments**)</small>	
Street: 1 S Wacker Drive		<i>Third Party Billing requires written authorization from third party</i>	
City: Chicago	State/Province: IL	Zip/Postal Code: 60606	Country: United States
Report To (Name): Chris Burns and Andre Baker		Fax #:	
Telephone #: 312.201.7719 312.201.7760		Email Address: Chris.burns@tetrattech.com Andre.baker@tetrattech.com	
Project Name/Number: Tocon Property Asbestos			
Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email		Purchase Order:	U.S. State Samples Taken: Indiana
Turnaround Time (TAT) Options* - Please Check			
<input type="checkbox"/> 3 Hour <input type="checkbox"/> 6 Hour <input checked="" type="checkbox"/> 24 Hour <input type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input checked="" type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week			
<small>*For TEM Air 3 hr through 6 hr, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.</small>			
PCM - Air <input checked="" type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA PLM - Bulk (reporting limit) <input type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)		TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input checked="" type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312 TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	
TEM - Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167)		Soil/Rock/Vermiculite <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> EPA Protocol (Semi-Quantitative) <input type="checkbox"/> EPA Protocol (Quantitative)	
Other: <input type="checkbox"/>			
<input type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group			
Samplers Name: Andre Baker		Samplers Signature:	

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
1	TPA-W2-026-082916	2983.37 L	8/29/16
2	TPA-W1-027-082916	4112.50 L	8/29/16
3	TPA-SW-028-082916	5315.15 L	8/29/16
4	TPA-N1-029-082916	3793.89 L	8/29/16
5	Field Blank 030		
6			
7			

Client Sample # (s): -	Total # of Samples: 4
Relinquished (Client): Andre Baker	Date: 8/29/16 Time:
Received (Lab): [Signature] FE	Date: 8/30/16 Time: 9:20
Comments/Special Instructions: PCM Sample has a 24 hr TAT TEM has 1 Week TAT *** Please invoice Dennis Linley (dlinley@ctlaboratories.com) CT Labs and Copy Report	

8094 2523 5714
361 Page 1 of 1* PCM
FE Analysis On Order ID



EMSL Analytical, Inc.

14375 23rd Avenue North Minneapolis, Mn 55447

Tel/Fax: (763) 449-4922 / (763) 449-4924

<http://www.EMSL.com / minneapolislab@emsl.com>

EMSL Order: 351606267

Customer ID: TEHC25

Customer PO:

Project ID:

Attention: Chris Burns
Tetra Tech, Inc.
1 South Wacker Dr.
Suite 3700
Chicago, IL 60606

Project: Tocon Property Asbestos

Phone: (312) 201-7700

Fax:

Received Date: 08/31/2016 9:45 AM

Analysis Date: 08/31/2016

Collected Date: 08/30/2016

Test Report: Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	LOD (fib/cc)	Fibers/mm ²	Fibers/cc	Notes
1	TPA-SW-031-083016	8/30/2016	5176.60	<5.5	100	0.001	<7.01	<0.001	
351606267-0001									
2	TPA-W1-032-083016	8/30/2016	4478.85	<5.5	100	0.001	<7.01	<0.001	
351606267-0002									
3	TPA-N1-033-083016	8/30/2016	5130.00	<5.5	100	0.001	<7.01	<0.001	
351606267-0003									
4	TPA-W2-034-083016	8/30/2016	4015.68	<5.5	100	0.001	<7.01	<0.001	
351606267-0004									
5	Field Blank 035	8/30/2016		<5.5	100		<7.01		Field Blank
351606267-0005									

The results reported have been blank corrected as applicable.

Analyst(s):

George Sullivan PCM (5)

Rachel Travis, Laboratory Manager
or Other Approved Signatory

*Following EMSL Analytical SOP Asbestos and Other Fibers by PCM. Limit of detection is 7 fibers/mm². Intra-laboratory Sr values: 5-20 fibers = 0.35, 21-50 fibers = 0.30, 51-100 fibers = 0.20. The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. Results have been blank corrected as applicable. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc. Minneapolis, Mn

Initial Report From: 08/31/2016 13:38:56

Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

EMSL ANALYTICAL, INC.

EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS - TRAINING

6267

PHONE ()
FAX: ()

Company : Tetra Tech		EMSL-Bill to: <input type="checkbox"/> Same <input checked="" type="checkbox"/> Different If Bill to is Different note instructions in Comments**	
Street: 1 S Wacker Drive		<i>Third Party Billing requires written authorization from third party</i>	
City: Chicago	State/Province: IL	Zip/Postal Code: 60606	Country: United States
Report To (Name): Chris Burns and Andre Baker		Fax #:	
Telephone #: 312.201.7719 312.201.7760		Email Address: Chris.burns@tetrattech.com Andre.baker@tetrattech.com	
Project Name/Number: Tocon Property Asbestos			
Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email		Purchase Order:	U.S. State Samples Taken: Indiana
Turnaround Time (TAT) Options* - Please Check			
<input type="checkbox"/> 3 Hour <input type="checkbox"/> 6 Hour <input checked="" type="checkbox"/> 24 Hour <input type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input checked="" type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week			
*For TEM Air 3 hr through 6 hr, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.			
PCM - Air <input checked="" type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA PLM - Bulk (reporting limit) <input type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)		TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input checked="" type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312 TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	
		TEM - Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167) Soil/Rock/Vermiculite <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> EPA Protocol (Semi-Quantitative) <input type="checkbox"/> EPA Protocol (Quantitative) Other: <input type="checkbox"/>	
<input type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group			
Samplers Name: Andre Baker		Samplers Signature:	
Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
1	TPA-SW-031-083016	5176.60 L	8/30/16
2	TPA-W1-032-083016	4478.85 L	8/30/16
3	TPA-N1-033-083016	5130 L	8/30/16
4	TPA-W2-034-083016	4015.68 L	8/30/16
5	Field Blank 035		
6			
7			
Client Sample # (s): KYWISS FE		Total # of Samples: 5	
Relinquished (Client): Andre Baker		Date: 8/30/16	Time: 1:20
Received (Lab): KYWISS FE		Date: 8/31/16	Time: 9:45
Comments/Special Instructions: PCM Sample has a 24 hr TAT			
Run has 1 Week TAT Please invoice Dennis Linley (dlinley@ctlaboratories.com) CT Labs and Copy Report			

8094 2523 5699

TEM Analysis on Order ID 351606267

**EMSL Analytical, Inc.**

14375 23rd Avenue North, Minneapolis, Mn 55447

Phone/Fax: (763) 449-4922 / (763) 449-4924

<http://www.EMSL.com>minneapolislab@emsl.com

EMSL Order: 351606269

CustomerID: TEHC25

CustomerPO:

ProjectID:

Attn: **Chris Burns**
Tetra Tech, Inc.
1 South Wacker Dr.
Suite 3700
Chicago, IL 60606

Phone: (312) 201-7700
Fax:
Received: 08/31/16 9:45 AM
Analysis Date: 9/7/2016
Collected: 8/30/2016

Project: **Tocon Property Asbestos**

Test Report: Asbestos Analysis of Air Samples by Transmission Electron Microscopy via NIOSH Method 7402

Sample	Volume (Liters)	Non Asbestos Fibers	PCM F/cc	Asbestos Type(s)	Asbestos Fibers	Asbestos % of total	7402 Adjusted (TEM) F/cc	Notes
1 351606269-0001	5176.60	0	<0.001			0	<0.001	
2 351606269-0002	4478.85	2	<0.001			0	<0.001	
3 351606269-0003	5130	0	<0.001			0	<0.001	
4 351606269-0004	4015.68	0	<0.001			0	<0.001	

NIOSH 7402 method only reports fibers > 5µm in length and > 0.25µm in width.

This method requires a minimum of 2 field blank analyses per set. The above results are not blank corrected

Average number of asbestos fibers on field blanks: n/a

Average number of non-asbestos fibers on field blanks: n/a

Analyst(s)

Rachel Travis (4)

Rachel Travis, Laboratory Manager
or other approved signatory

EMSL is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. The above report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL Analytical, Inc. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc. Minneapolis, Mn

Initial report from 09/07/2016 15:40:03



EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRAINING

Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

EMSL ANALYTICAL, INC.

6269

PHONE: ()
FAX: ()

Company : Tetra Tech Street: 1 S Wacker Drive City: Chicago State/Province: IL Report To (Name): Chris Burns and Andre Baker Telephone #: 312.201.7719 312.201.7760		EMSL-Bill to: <input type="checkbox"/> Same <input checked="" type="checkbox"/> Different If Bill to is Different note instructions in Comments** Third Party Billing requires written authorization from third party Zip/Postal Code: 60606 Country: United States Fax #: Email Address: Chris.burns@tetrattech.com Andre.baker@tetrattech.com	
Project Name/Number: Tocon Property Asbestos Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email Purchase Order: U.S. State Samples Taken: Indiana			
Turnaround Time (TAT) Options* - Please Check			
<input type="checkbox"/> 3 Hour <input type="checkbox"/> 6 Hour <input checked="" type="checkbox"/> 24 Hour <input type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input checked="" type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week			
<small>*For TEM Air 3 hr through 6 hr, please call ahead to schedule *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide</small>			
PCM - Air <input checked="" type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA PLM - Bulk (reporting limit) <input type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)		TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input checked="" type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312 TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	
		TEM- Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167) Soil/Rock/Vermiculite <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> EPA Protocol (Semi-Quantitative) <input type="checkbox"/> EPA Protocol (Quantitative) Other: <input type="checkbox"/>	
<input type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group			
Samplers Name: Andre Baker		Samplers Signature:	
Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
1	TPA-SW-031-083016	5176.60 L	8/30/16
2	TPA-W1-032-083016	4478.85 L	8/30/16
3	TPA-N1-033-083016	5130 L	8/30/16
4	TPA-W2-034-083016	4015.68 L	8/30/16
5	Field Blank 035		
6			
7			
Client Sample # (s): <u>Reservoir FE</u> - Total # of Samples: 5			
Relinquished (Client): Andre Baker Date: 8/30/16 Time: 1:20			
Received (Lab): <u>Reservoir FE</u> Date: 8/31/16 Time: 9:45			
Comments/Special Instructions: PCM Sample has a 24 hr TAT TEM has 1 Week TAT *** Please invoice Dennis Linley (dlinley@ctlaboratories.com) CT Labs and Copy Report			

8094 2523 5699

PCM Analysis On order ID 351606269

KLK 8/31/16



EMSL Analytical, Inc.

14375 23rd Avenue North Minneapolis, Mn 55447

Tel/Fax: (763) 449-4922 / (763) 449-4924

<http://www.EMSL.com / minneapolislab@emsl.com>

EMSL Order: 351606312

Customer ID: TEHC25

Customer PO:

Project ID:

Attention: Chris Burns
Tetra Tech, Inc.
1 South Wacker Dr.
Suite 3700
Chicago, IL 60606

Project: Tocon Property Asbestos

Phone: (312) 201-7700

Fax:

Received Date: 09/01/2016 9:10 AM

Analysis Date: 09/01/2016

Collected Date: 08/31/2016

Test Report: Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	LOD (fib/cc)	Fibers/mm ²	Fibers/cc	Notes
1	TPA-N2-036-083116	8/31/2016	4804.20	<5.5	100	0.001	<7.01	<0.001	
351606312-0001									
2	TPA-W2-037-083116	8/31/2016	3511.86	<5.5	100	0.001	<7.01	<0.001	
351606312-0002									
3	TPA-S2-038-083116	8/31/2016							Filter Damaged
351606312-0003									
4	TPA-SW-039-083116	8/31/2016	4544.45	<5.5	100	0.001	<7.01	<0.001	
351606312-0004									
5	Field Blank 040	8/31/2016		<5.5	100		<7.01		Field Blank
351606312-0005									

The results reported have been blank corrected as applicable.

Analyst(s):

Lynn Scott PCM (4)

Rachel Travis, Laboratory Manager
or Other Approved Signatory

*Following EMSL Analytical SOP Asbestos and Other Fibers by PCM. Limit of detection is 7 fibers/mm². Intra-laboratory Sr values: 5-20 fibers = 0.35, 21-50 fibers = 0.30, 51-100 fibers = 0.20. The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. Results have been blank corrected as applicable. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc. Minneapolis, Mn

Initial Report From: 09/01/2016 16:22:03

EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS - TEAMWARE

Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

EMSL ANALYTICAL, INC

6312

PHONE: ()
FAX: ()

Company : Tetra Tech		EMSL-Bill to: <input type="checkbox"/> Same <input checked="" type="checkbox"/> Different <small>If Bill to is Different note instructions in Comments**</small>	
Street: 1 S Wacker Drive		<i>Third Party Billing requires written authorization from third party</i>	
City: Chicago	State/Province: IL	Zip/Postal Code: 60606	Country: United States
Report To (Name): Chris Burns and Andre Baker		Fax #:	
Telephone #: 312.201.7719 312.201.7760		Email Address: Chris.burns@tetratech.com Andre.baker@tetratech.com	
Project Name/Number: Tocon Property Asbestos			
Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email <input type="checkbox"/> Purchase Order:		U.S. State Samples Taken: Indiana	
Turnaround Time (TAT) Options* - Please Check			
<input type="checkbox"/> 3 Hour <input type="checkbox"/> 6 Hour <input checked="" type="checkbox"/> 24 Hour <input type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input checked="" type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week			
<small>*For TEM Air 3 hr through 6 hr, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.</small>			
PCM - Air <input checked="" type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA PLM - Bulk (reporting limit) <input type="checkbox"/> PLM EPA 800/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)		TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input checked="" type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312 TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	
		TEM- Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167) Soil/Rock/Vermiculite <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> EPA Protocol (Semi-Quantitative) <input type="checkbox"/> EPA Protocol (Quantitative) Other:	
<input type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group			
Samplers Name: Andre Baker		Samplers Signature:	
Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
1	TPA-N2-036-083116	4804.20 L	8/31/16
2	TPA-W2-037-083116	3511.86 L	8/31/16
3	TPA-S2-038-083116	3400.65 L	8/31/16
4	TPA-SW-039-083116	4544.45 L	8/31/16
5	Field Blank 040		
6			
7			
Client Sample # (s): -		Total # of Samples: 5	
Relinquished (Client): Andre Baker		Date: 8/31/16	Time: 1800
Received (Lab): <i>McLennan</i> FE		Date: 9/1/16	Time: 9:10 AM
Comments/Special Instructions: PCM Sample has a 24 hr TAT TEM has 1 Week TAT *** Please invoice Dennis Linley (dlinley@ctlaboratories.com) CT Labs and Copy Report			

8094 2523 5688

TEM Analysis is on order 35 Page 1 of 1 KLU 8/ 9/1/16

**EMSL Analytical, Inc.**

14375 23rd Avenue North, Minneapolis, Mn 55447

Phone/Fax: (763) 449-4922 / (763) 449-4924

<http://www.EMSL.com>minneapolislab@emsl.com

EMSL Order: 351606313

CustomerID: TEHC25

CustomerPO:

ProjectID:

Attn: **Chris Burns**
Tetra Tech, Inc.
1 South Wacker Dr.
Suite 3700
Chicago, IL 60606

Phone: (312) 201-7700
Fax:
Received: 09/01/16 9:10 AM
Analysis Date: 9/8/2016
Collected: 8/31/2016

Project: **Tocon Property Asbestos**

Test Report: Asbestos Analysis of Air Samples by Transmission Electron Microscopy via NIOSH Method 7402

Sample	Volume (Liters)	Non Asbestos Fibers	PCM F/cc	Asbestos Type(s)	Asbestos Fibers	Asbestos % of total	7402 Adjusted (TEM) F/cc	Notes
1 351606313-0001	4804.20	0	<0.001			0	<0.001	
2 351606313-0002	3511.86	1	<0.001			0	<0.001	
3 351606313-0003	3400.65							Not Analyzed
4 351606313-0004	4544.45	0	<0.001			0	<0.001	

NIOSH 7402 method only reports fibers > 5µm in length and > 0.25µm in width.

This method requires a minimum of 2 field blank analyses per set. The above results are not blank corrected

Average number of asbestos fibers on field blanks: n/a

Average number of non-asbestos fibers on field blanks: n/a

Analyst(s)

Rachel Travis (3)

Rachel Travis, Laboratory Manager
or other approved signatory

EMSL is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. The above report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL Analytical, Inc. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc. Minneapolis, Mn

Initial report from 09/08/2016 14:53:23

EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRAINING

Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

6313

EMSL ANALYTICAL, INC.

PHONE: ()
FAX: ()

Company: Tetra Tech		EMSL-Bill to: <input type="checkbox"/> Same <input checked="" type="checkbox"/> Different <small>If Bill to is Different note instructions in Comments**</small>	
Street: 1 S Wacker Drive		<i>Third Party Billing requires written authorization from third party</i>	
City: Chicago	State/Province: IL	Zip/Postal Code: 60606	Country: United States
Report To (Name): Chris Burns and Andre Baker		Fax #:	
Telephone #: 312.201.7719 312.201.7760		Email Address: Chris.burns@tetrattech.com Andre.baker@tetrattech.com	
Project Name/Number: Tocon Property Asbestos			
Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email <input type="checkbox"/> Purchase Order:		U.S. State Samples Taken: Indiana	
Turnaround Time (TAT) Options* - Please Check			
<input type="checkbox"/> 3 Hour <input type="checkbox"/> 6 Hour <input checked="" type="checkbox"/> 24 Hour <input type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input checked="" type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week			
<small>*For TEM Air 3 hr through 6 hr, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.</small>			
PCM - Air <input checked="" type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA PLM - Bulk (reporting limit) <input type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)		TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input checked="" type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312 TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	
		TEM- Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167) Soil/Rock/Vermiculite <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> EPA Protocol (Semi-Quantitative) <input type="checkbox"/> EPA Protocol (Quantitative) Other: <input type="checkbox"/>	
<input type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group			
Samplers Name: Andre Baker		Samplers Signature:	
Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
1	TPA-N2-036-083116	4804.20 L	8/31/16
2	TPA-W2-037-083116	3511.86 L	8/31/16
3	TPA-S2-038-083116	3400.65 L	8/31/16
4	TPA-SW-039-083116	4544.45 L	8/31/16
5	Field Blank 040		
6			
7			
Client Sample # (s): -		Total # of Samples: 5	
Relinquished (Client): Andre Baker	Date: 8/31/16	Time: 1:20	
Received (Lab): M. J. P. FE	Date: 9/1/16	Time: 9:10 AM	
Comments/Special Instructions: PCM Sample has a 24 hr TAT TEM has 1 Week TAT *** Please invoice Dennis Linley (dlinley@ctlaboratories.com) CT Labs and Copy Report			



EMSL Analytical, Inc.

14375 23rd Avenue North Minneapolis, Mn 55447

Tel/Fax: (763) 449-4922 / (763) 449-4924

<http://www.EMSL.com / minneapolislab@emsl.com>

EMSL Order: 351606368

Customer ID: TEHC25

Customer PO:

Project ID:

Attention: Andre Baker
Tetra Tech, Inc.
1 South Wacker Dr.
Suite 3700
Chicago, IL 60606

Project: Tocon Property Asbestos

Phone: (312) 201-7700

Fax:

Received Date: 09/02/2016 9:15 AM

Analysis Date: 09/06/2016

Collected Date: 09/01/2016

Test Report: Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	LOD (fib/cc)	Fibers/mm ²	Fibers/cc	Notes
1	TPA-N2-041-090116	9/01/2016	4689.00	7	100	0.001	8.92	0.001	
351606368-0001									
2	TPA-W2-042-090116	9/01/2016	4530.00	10.5	100	0.001	13.4	0.001	
351606368-0002									
3	TPA-S2-043-090116	9/01/2016	4243.00	9	100	0.001	11.5	0.001	
351606368-0003									
4	TPA-SW-044-090116	9/01/2016	4575.45	<5.5	100	0.001	<7.01	<0.001	
351606368-0004									
5	Field Blank 045	9/01/2016		<5.5	100		<7.01		Field Blank
351606368-0005									

The results reported have been blank corrected as applicable.

Analyst(s):

Rachel Travis PCM (5)

Rachel Travis, Laboratory Manager
or Other Approved Signatory

*Following EMSL Analytical SOP Asbestos and Other Fibers by PCM. Limit of detection is 7 fibers/mm². Intra-laboratory Sr values: 5-20 fibers = 0.35, 21-50 fibers = 0.30, 51-100 fibers = 0.20. The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. Results have been blank corrected as applicable. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc. Minneapolis, Mn

Initial Report From: 09/06/2016 13:29:02

EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRADING

Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

6368

EMSL ANALYTICAL, INC.

PHONE: ()
FAX: ()

Company : Tetra Tech		EMSL-Bill to: <input type="checkbox"/> Same <input checked="" type="checkbox"/> Different If Bill to is Different note instructions in Comments**	
Street: 1 S Wacker Drive		Third Party Billing requires written authorization from third party	
City: Chicago	State/Province: IL	Zip/Postal Code: 60606	Country: United States
Report To (Name): Chris Burns and Andre Baker		Fax #:	
Telephone #: 312.201.7719 312.201.7760		Email Address: Chris.burns@tetrattech.com Andre.baker@tetrattech.com	
Project Name/Number: Tocon Property Asbestos			
Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email		Purchase Order: U.S. State Samples Taken: Indiana	
Turnaround Time (TAT) Options* - Please Check			
<input type="checkbox"/> 3 Hour <input type="checkbox"/> 6 Hour <input checked="" type="checkbox"/> 24 Hour <input type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input checked="" type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week			
*For TEM Air 3 hr through 6 hr, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide			
PCM - Air <input checked="" type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA		TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input checked="" type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312	
PLM - Bulk (reporting limit) <input type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)		TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	
		TEM - Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167)	
		Soil/Rock/Vermiculite <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> EPA Protocol (Semi-Quantitative) <input type="checkbox"/> EPA Protocol (Quantitative)	
		Other: <input type="checkbox"/>	
<input type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group			
Samplers Name: Andre Baker		Samplers Signature:	

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
1	TPA-N2-041-090116	4689 L	9/1/16
2	TPA-W2-042-090116	4530 L	9/1/16
3	TPA-S2-043-090116	4243 L	9/1/16
4	TPA-SW-044-090116	4575.45 L	9/1/16
5	Field Blank 045		
6			
7			

Client Sample # (s):	-	Total # of Samples:	5
Relinquished (Client):	Andre Baker	Date:	9/1/16
		Time:	1:00
Received (Lab):	McClaypool FE	Date:	9/2/16
		Time:	9:15
Comments/Special Instructions: PCM Sample has a 24 hr TAT TEM has 1 Week TAT *** Please invoice Dennis Linley (dlinley@ctlaboratories.com) CT L+abs and Copy Report			

809425235677

**EMSL Analytical, Inc.**

14375 23rd Avenue North, Minneapolis, Mn 55447

Phone/Fax: (763) 449-4922 / (763) 449-4924

<http://www.EMSL.com>minneapolislab@emsl.com

EMSL Order: 351606369

CustomerID: TEHC25

CustomerPO:

ProjectID:

Attn: **Andre Baker**
Tetra Tech, Inc.
1 South Wacker Dr.
Suite 3700
Chicago, IL 60606

Phone: (312) 201-7700
Fax:
Received: 09/02/16 9:15 AM
Analysis Date: 9/9/2016
Collected: 9/1/2016

Project: **Tocon Property Asbestos**

Test Report: Asbestos Analysis of Air Samples by Transmission Electron Microscopy via NIOSH Method 7402

Sample	Volume (Liters)	Non Asbestos Fibers	PCM F/cc	Asbestos Type(s)	Asbestos Fibers	Asbestos % of total	7402 Adjusted (TEM) F/cc	Notes
1 351606369-0001	4689	1	0.001			0	<0.001	
2 351606369-0002	4530	0	0.001			0	<0.001	
3 351606369-0003	4243	2	0.001			0	<0.001	
4 351606369-0004	4575.45	0	<0.001			0	<0.001	

NIOSH 7402 method only reports fibers > 5µm in length and > 0.25µm in width.

This method requires a minimum of 2 field blank analyses per set. The above results are not blank corrected

Average number of asbestos fibers on field blanks: n/a

Average number of non-asbestos fibers on field blanks: n/a

Analyst(s)

Rachel Travis (4)

Rachel Travis, Laboratory Manager
or other approved signatory

EMSL is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. The above report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL Analytical, Inc. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc. Minneapolis, Mn

Initial report from 09/09/2016 14:01:37

Asbestos Chain of Custody

EMSL ANALYTICAL, INC.

EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS - TRAPERS**EMSL Order Number (Lab Use Only):**

6369

PHONE: ()
FAX: ()

Company : Tetra Tech		EMSL-Bill to: <input type="checkbox"/> Same <input checked="" type="checkbox"/> Different <small>If Bill to is Different note instructions in Comments**</small>	
Street: 1 S Wacker Drive		<i>Third Party Billing requires written authorization from third party</i>	
City: Chicago	State/Province: IL	Zip/Postal Code: 60606	Country: United States
Report To (Name): Chris Burns and Andre Baker		Fax #:	
Telephone #: 312.201.7719 312.201.7760		Email Address: Chris.burns@tetrattech.com Andre.baker@tetrattech.com	
Project Name/Number: Tocon Property Asbestos			
Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email <input type="checkbox"/> Purchase Order:		U.S. State Samples Taken: Indiana	
Turnaround Time (TAT) Options* - Please Check			
<input type="checkbox"/> 3 Hour <input type="checkbox"/> 6 Hour <input checked="" type="checkbox"/> 24 Hour <input type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input checked="" type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week			
<small>*For TEM Air 3 hr through 6 hr, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide</small>			
PCM - Air <input checked="" type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA PLM - Bulk (reporting limit) <input type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)		TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input checked="" type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312 TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	
		TEM- Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167) Soil/Rock/Vermiculite <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> EPA Protocol (Semi-Quantitative) <input type="checkbox"/> EPA Protocol (Quantitative) Other: <input type="checkbox"/>	
<input type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group			
Samplers Name: Andre Baker		Samplers Signature:	
Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
1	TPA-N2-041-090116	4689 L	9/1/16
2	TPA-W2-042-090116	4530 L	9/1/16
3	TPA-S2-043-090116	4243 L	9/1/16
4	TPA-SW-044-090116	4575.45 L	9/1/16
5	Field Blank 045		
6			
7			
Client Sample # (s): -		Total # of Samples: 5	
Relinquished (Client): Andre Baker		Date: 9/1/16	Time: 1900
Received (Lab): Mclaypool FE		Date: 9/2/16	Time: 9:15
Comments/Special Instructions: PCM Sample has a 24 hr TAT TEM has 1 Week TAT *** Please invoice Dennis Linley (dlinley@ctlaboratories.com) CT L+abs and Copy Report			

809425235677



EMSL Analytical, Inc.

14375 23rd Avenue North Minneapolis, Mn 55447

Tel/Fax: (763) 449-4922 / (763) 449-4924

<http://www.EMSL.com / minneapolislab@emsl.com>

EMSL Order: 351606395

Customer ID: TEHC25

Customer PO:

Project ID:

Attention: Chris Burns
Tetra Tech, Inc.
1 South Wacker Dr.
Suite 3700
Chicago, IL 60606

Project: Tocon Property Asbestos

Phone: (312) 201-7700

Fax:

Received Date: 09/06/2016 9:00 AM

Analysis Date: 09/06/2016

Collected Date: 09/02/2016

Test Report: Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	LOD (fib/cc)	Fibers/mm ²	Fibers/cc	Notes
1	TPA-N2-046-090216	9/02/2016	4212.00	<5.5	100	0.001	<7.01	<0.001	
351606395-0001									
2	TPA-W2-047-090216	9/02/2016	3733.00	<5.5	100	0.001	<7.01	<0.001	
351606395-0002									
3	TPA-S2-048-090216	9/02/2016	4175.00	5.5	100	0.001	7.01	0.001	
351606395-0003									
4	TPA-SW-049-090216	9/02/2016	4606.00	<5.5	100	0.001	<7.01	<0.001	
351606395-0004									
5	Field Blank 050	9/02/2016		<5.5	100		<7.01		Field Blank
351606395-0005									

The results reported have been blank corrected as applicable.

Analyst(s):

Rachel Travis PCM (5)

Rachel Travis, Laboratory Manager
or Other Approved Signatory

*Following EMSL Analytical SOP Asbestos and Other Fibers by PCM. Limit of detection is 7 fibers/mm². Intra-laboratory Sr values: 5-20 fibers = 0.35, 21-50 fibers = 0.30, 51-100 fibers = 0.20. The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. Results have been blank corrected as applicable. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc. Minneapolis, Mn

Initial Report From: 09/06/2016 13:30:43

EMSL ANALYTICAL, INC.
LABORATORY-PRODUCTS-TRAINING

Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

EMSL ANALYTICAL, INC.

6395

PHONE: ()
FAX: ()

Company : Tetra Tech		EMSL-Bill to: <input type="checkbox"/> Same <input checked="" type="checkbox"/> Different If Bill to is Different note instructions in Comments**	
Street: 1 S Wacker Drive		<i>Third Party Billing requires written authorization from third party</i>	
City: Chicago	State/Province: IL	Zip/Postal Code: 60606	Country: United States
Report To (Name): Chris Burns and Andre Baker		Fax #:	
Telephone #: 312.201.7719 312.201.7760		Email Address: Chris.burns@tetrattech.com Andre.baker@tetrattech.com	
Project Name/Number: Tocon Property Asbestos			
Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email <input type="checkbox"/> Purchase Order:		U.S. State Samples Taken: Indiana	
Turnaround Time (TAT) Options* - Please Check			
<input type="checkbox"/> 3 Hour <input type="checkbox"/> 6 Hour <input checked="" type="checkbox"/> 24 Hour <input type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input checked="" type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week			
*For TEM Air 3 hr through 6 hr, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.			
PCM - Air <input checked="" type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA PLM - Bulk (reporting limit) <input type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)		TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input checked="" type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312 TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	
		TEM- Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167) Soil/Rock/Vermiculite <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> EPA Protocol (Semi-Quantitative) <input type="checkbox"/> EPA Protocol (Quantitative) Other: <input type="checkbox"/>	
<input type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group			
Samplers Name: Andre Baker		Samplers Signature:	
Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
1	TPA-N2-046-090216	4212 L	9/2/16
2	TPA-W2-047-090216	3733 L	9/2/16
3	TPA-S2-048-090216	4175 L	9/2/16
4	TPA-SW-049-090216	4606 L	9/2/16
5	Field Blank 050		
6			
7			
Client Sample # (s): -		Total # of Samples: 5	
Relinquished (Client): Andre Baker		Date: 9/2/16	Time: 1:30
Received (Lab): K. Linley FE		Date: 9/6/16	Time: 9:00
Comments/Special Instructions: PCM Sample has a 24 hr TAT TEM has 1 Week TAT *** Please invoice Dennis Linley (dlinley@ctlaboratories.com) CT L+abs and Copy Report			

Controlled Document - Asbestos COC - R2 - 1/12/2010

TEM Analysis on
Order ID 351606397

80942523 5606

K Page 1 of 1
9/16



EMSL Analytical, Inc.

14375 23rd Avenue North, Minneapolis, Mn 55447

Phone/Fax: (763) 449-4922 / (763) 449-4924

<http://www.EMSL.com>

minneapolislab@emsl.com

EMSL Order: 351606397
CustomerID: TEHC25
CustomerPO:
ProjectID:

Attn: **Chris Burns**
Tetra Tech, Inc.
1 South Wacker Dr.
Suite 3700
Chicago, IL 60606

Phone: (312) 201-7700
Fax:
Received: 09/06/16 9:00 AM
Analysis Date: 9/12/2016
Collected: 9/2/2016

Project: **Tocon Property Asbestos**

Test Report: Asbestos Analysis of Air Samples by Transmission Electron Microscopy via NIOSH Method 7402

Sample	Volume (Liters)	Non Asbestos Fibers	PCM F/cc	Asbestos Type(s)	Asbestos Fibers	Asbestos % of total	7402 Adjusted (TEM) F/cc	Notes
1 351606397-0001	4212	1	<0.001			0	<0.001	
2 351606397-0002	3733	1	<0.001			0	<0.001	
3 351606397-0003	4175	0	0.001			0	<0.001	
4 351606397-0004	4606	0	<0.001			0	<0.001	

NIOSH 7402 method only reports fibers > 5µm in length and > 0.25µm in width.

This method requires a minimum of 2 field blank analyses per set. The above results are not blank corrected

Average number of asbestos fibers on field blanks: n/a

Average number of non-asbestos fibers on field blanks: n/a

Analyst(s)

Rachel Travis (4)

Rachel Travis, Laboratory Manager
or other approved signatory

EMSL is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. The above report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL Analytical, Inc. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc. Minneapolis, Mn

Initial report from 09/12/2016 17:31:16

Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

EMSL ANALYTICAL, INC

EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS - TRAINING

6397

PHONE: ()
FAX: ()

Company : Tetra Tech		EMSL-Bill to: <input type="checkbox"/> Same <input checked="" type="checkbox"/> Different <small>If Bill to is Different note instructions in Comments**</small>	
Street: 1 S Wacker Drive		<i>Third Party Billing requires written authorization from third party</i>	
City: Chicago	State/Province: IL	Zip/Postal Code: 60606	Country: United States
Report To (Name): Chris Burns and Andre Baker		Fax #:	
Telephone #: 312.201.7719 312.201.7760		Email Address: Chris.burns@tetrattech.com Andre.baker@tetrattech.com	
Project Name/Number: Tocon Property Asbestos			
Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email		Purchase Order:	
		U.S. State Samples Taken: Indiana	
Turnaround Time (TAT) Options* - Please Check			
<input type="checkbox"/> 3 Hour <input type="checkbox"/> 6 Hour <input checked="" type="checkbox"/> 24 Hour <input type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input checked="" type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week			
<small>*For TEM Air 3 hr through 6 hr, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.</small>			
PCM - Air <input checked="" type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA PLM - Bulk (reporting limit) <input type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)		TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input checked="" type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312 TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	
		TEM- Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167) Soil/Rock/Vermiculite <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> EPA Protocol (Semi-Quantitative) <input type="checkbox"/> EPA Protocol (Quantitative) Other: <input type="checkbox"/>	
<input type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group			
Samplers Name: Andre Baker		Samplers Signature:	
Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
1	TPA-N2-046-090216	4212 L	9/2/16
2	TPA-W2-047-090216	3733 L	9/2/16
3	TPA-S2-048-090216	4175 L	9/2/16
4	TPA-SW-049-090216	4606 L	9/2/16
5	Field Blank 050		
6			
7			
Client Sample # (s):		Total # of Samples: 5	
Relinquished (Client): Andre Baker		Date: 9/2/16	Time: 1:00
Received (Lab): K. V. FE		Date: 9/6/16	Time: 9:00
Comments/Special Instructions: PCM Sample has a 24 hr TAT TEM has 1 Week TAT *** Please invoice Dennis Linley (dlinley@ctlaboratories.com) CT L+abs and Copy Report			

80942523 5606



EMSL Analytical, Inc.

14375 23rd Avenue North Minneapolis, Mn 55447

Tel/Fax: (763) 449-4922 / (763) 449-4924

<http://www.EMSL.com / minneapolislab@emsl.com>

EMSL Order: 351606432

Customer ID: TEHC25

Customer PO:

Project ID:

Attention: Chris Burns
Tetra Tech, Inc.
1 South Wacker Dr.
Suite 3700
Chicago, IL 60606

Project: Tocon Property Asbestos

Phone: (312) 201-7700

Fax:

Received Date: 09/07/2016 9:20 AM

Analysis Date: 09/07/2016

Collected Date: 09/06/2016

Test Report: Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	LOD (fib/cc)	Fibers/mm ²	Fibers/cc	Notes
1	TPA-N2-051-090616	9/06/2016	4606.61	13	100	0.001	16.6	0.001	
351606432-0001									
2	TPA-S2-052-090616	9/06/2016	4493.57	10	100	0.001	12.7	0.001	
351606432-0002									
3	TPA-SW-053-090616	9/06/2016	4140.18	16	100	0.001	20.4	0.002	
351606432-0003									
4	TPA-W2-054-090616	9/06/2016	4073.92	8.5	100	0.001	10.8	0.001	
351606432-0004									
5	Field Blank 055	9/06/2016		<5.5	100		<7.01		Field Blank
351606432-0005									

The results reported have been blank corrected as applicable.

Analyst(s):

Rachel Travis PCM (5)

Rachel Travis, Laboratory Manager
or Other Approved Signatory

*Following EMSL Analytical SOP Asbestos and Other Fibers by PCM. Limit of detection is 7 fibers/mm². Intra-laboratory Sr values: 5-20 fibers = 0.35, 21-50 fibers = 0.30, 51-100 fibers = 0.20. The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. Results have been blank corrected as applicable. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc. Minneapolis, Mn

Initial Report From: 09/07/2016 12:38:01

Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

EMSL ANALYTICAL, INC



EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS - TRAINING

6432

PHONE: ()
FAX: ()

Company : Tetra Tech		EMSL-Bill to: <input type="checkbox"/> Same <input checked="" type="checkbox"/> Different If Bill to is Different note instructions in Comments**	
Street: 1 S Wacker Drive		Third Party Billing requires written authorization from third party	
City: Chicago	State/Province: IL	Zip/Postal Code: 60606	Country: United States
Report To (Name): Chris Burns and Andre Baker		Fax #:	
Telephone #: 312.201.7719 312.201.7760		Email Address: Chris.burns@tetratech.com Andre.baker@tetratech.com	
Project Name/Number: Tocon Property Asbestos			
Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email		Purchase Order: U.S. State Samples Taken: Indiana	
Turnaround Time (TAT) Options* - Please Check			
<input type="checkbox"/> 3 Hour <input type="checkbox"/> 6 Hour <input checked="" type="checkbox"/> 24 Hour <input type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input checked="" type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week			
*For TEM Air 3 hr through 6 hr, please call ahead to schedule *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.			
PCM - Air <input checked="" type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA PLM - Bulk (reporting limit) <input type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)		TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input checked="" type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312 TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	
		TEM- Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167) Soil/Rock/Vermiculite <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> EPA Protocol (Semi-Quantitative) <input type="checkbox"/> EPA Protocol (Quantitative) Other:	
<input type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group			
Samplers Name: Jason Cashmere		Samplers Signature:	
Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
1	TPA-N2-051-090616	4606.61 L	9/6/16
2	TPA-S2-052-090616	4493.57 L	9/6/16
3	TPA-SW-053-090616	4140.18 L	9/6/16
4	TPA-W2-054-090616	4073.92 L	9/6/16
5	Field Blank 055		
6			
7			
Client Sample # (s):		Total # of Samples: 5	
Relinquished (Client): Jason Cashmere		Date: 9/6/16	Time: 1700
Received (Lab): <i>Keyman</i> FE		Date: 9/7/16	Time: 9:20
Comments/Special Instructions: PCM Sample has a 24 hr TAT TEM has 1 Week TAT *** Please invoice Dennis Linley (dlinley@ctlaboratories.com) CT Labs and Copy Report			

8094 2523 5655

TEM Analysis On order ID Page 1 of 1

**EMSL Analytical, Inc.**

14375 23rd Avenue North, Minneapolis, Mn 55447

Phone/Fax: (763) 449-4922 / (763) 449-4924

<http://www.EMSL.com>minneapolislab@emsl.com

EMSL Order: 351606433

CustomerID: TEHC25

CustomerPO:

ProjectID:

Attn: **Chris Burns**
Tetra Tech, Inc.
1 South Wacker Dr.
Suite 3700
Chicago, IL 60606

Phone: (312) 201-7700
Fax:
Received: 09/07/16 9:20 AM
Analysis Date: 9/12/2016
Collected: 9/6/2016

Project: **Tocon Property Asbestos**

Test Report: Asbestos Analysis of Air Samples by Transmission Electron Microscopy via NIOSH Method 7402

Sample	Volume (Liters)	Non Asbestos Fibers	PCM F/cc	Asbestos Type(s)	Asbestos Fibers	Asbestos % of total	7402 Adjusted (TEM) F/cc	Notes
1 351606433-0001	4606.61	2	0.001			0	<0.001	
2 351606433-0002	4493.57	6	0.001			0	<0.001	
3 351606433-0003	4140.18	6	0.002			0	<0.001	
4 351606433-0004	4073.92	8	0.001			0	<0.001	

NIOSH 7402 method only reports fibers > 5µm in length and > 0.25µm in width.

This method requires a minimum of 2 field blank analyses per set. The above results are not blank corrected

Average number of asbestos fibers on field blanks: n/a

Average number of non-asbestos fibers on field blanks: n/a

Analyst(s)

Rachel Travis (4)

Rachel Travis, Laboratory Manager
or other approved signatory

EMSL is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. The above report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL Analytical, Inc. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc. Minneapolis, Mn

Initial report from 09/12/2016 17:44:10

Asbestos Chain of Custody

EMSL ANALYTICAL, INC.

EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRAINING

EMSL Order Number (Lab Use Only):

6433 KLG 6432

9/7/16

PHONE: ()
FAX: ()

Company : Tetra Tech		EMSL-Bill to: <input type="checkbox"/> Same <input checked="" type="checkbox"/> Different If Bill to is Different note instructions in Comments**	
Street: 1 S Wacker Drive		Third Party Billing requires written authorization from third party	
City: Chicago	State/Province: IL	Zip/Postal Code: 60606	Country: United States
Report To (Name): Chris Burns and Andre Baker		Fax #:	
Telephone #: 312.201.7719 312.201.7760		Email Address: Chris.burns@tetrattech.com Andre.baker@tetrattech.com	
Project Name/Number: Tocon Property Asbestos			
Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email <input type="checkbox"/> Purchase Order:		U.S. State Samples Taken: Indiana	
Turnaround Time (TAT) Options* - Please Check			
<input type="checkbox"/> 3 Hour <input type="checkbox"/> 6 Hour <input checked="" type="checkbox"/> 24 Hour <input type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input checked="" type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week			
*For TEM Air 3 hr through 6 hr, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.			
PCM - Air <input checked="" type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA PLM - Bulk (reporting limit) <input type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)		TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input checked="" type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312 TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	
		TEM- Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167) Soil/Rock/Vermiculite <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> EPA Protocol (Semi-Quantitative) <input type="checkbox"/> EPA Protocol (Quantitative) Other: <input type="checkbox"/>	
<input type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group			
Samplers Name: Jason Cashmere		Samplers Signature:	
Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
1	TPA-N2-051-090616	4606.61 L	9/6/16
2	TPA-S2-052-090616	4493.57 L	9/6/16
3	TPA-SW-053-090616	4140.18 L	9/6/16
4	TPA-W2-054-090616	4073.92 L	9/6/16
5	Field Blank 055		
6			
7			
Client Sample # (s):		Total # of Samples: 5	
Relinquished (Client): Jason Cashmere	Date: 9/6/16	Time: 1700	
Received (Lab): KLG FE	Date: 9/7/16	Time: 9:20	
Comments/Special Instructions: PCM Sample has a 24 hr TAT TEM has 1 Week TAT *** Please invoice Dennis Linley (dlinley@ctlaboratories.com) CT Labs and Copy Report			

8094 2523 5655



EMSL Analytical, Inc.

14375 23rd Avenue North Minneapolis, Mn 55447

Tel/Fax: (763) 449-4922 / (763) 449-4924

<http://www.EMSL.com / minneapolislab@emsl.com>

EMSL Order: 351606456

Customer ID: TEHC25

Customer PO:

Project ID:

Attention: Chris Burns
Tetra Tech, Inc.
1 South Wacker Dr.
Suite 3700
Chicago, IL 60606

Project: Tocon Property Asbestos

Phone: (312) 201-7700

Fax:

Received Date: 09/08/2016 9:20 AM

Analysis Date: 09/08/2016

Collected Date: 09/07/2016

Test Report: Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	LOD (fib/cc)	Fibers/mm ²	Fibers/cc	Notes
1	TPA-N2-056-090716	9/07/2016	2936.00	11	100	0.001	14.0	0.002	
351606456-0001									
2	TPA-S2-057-090716	9/07/2016	5376.77	14	100	0.001	17.8	0.001	
351606456-0002									
3	TPA-SW-058-090716	9/07/2016	5528.41	10	100	0.0005	12.7	0.001	
351606456-0003									
4	TPA-W2-059-090716	9/07/2016	5515.40	8	100	0.0005	10.2	0.001	
351606456-0004									
5	Field Blank 060	9/07/2016		<5.5	100		<7.01		Field Blank
351606456-0005									

The results reported have been blank corrected as applicable.

Analyst(s):

Rachel Travis PCM (5)

Rachel Travis, Laboratory Manager
or Other Approved Signatory

*Following EMSL Analytical SOP Asbestos and Other Fibers by PCM. Limit of detection is 7 fibers/mm². Intra-laboratory Sr values: 5-20 fibers = 0.35, 21-50 fibers = 0.30, 51-100 fibers = 0.20. The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. Results have been blank corrected as applicable. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc. Minneapolis, Mn

Initial Report From: 09/08/2016 13:22:28



EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

6456

EMSL ANALYTICAL, INC

PHONE: ()
FAX: ()

Company : Tetra Tech Street: 1 S Wacker Drive City: Chicago State/Province: IL Zip/Postal Code: 60606 Country: United States Report To (Name): Chris Burns and Andre Baker Telephone #: 312.201.7719 312.201.7760 Project Name/Number: Tocon Property Asbestos Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email <input type="checkbox"/> Purchase Order: <input type="checkbox"/> U.S. State Samples Taken: Indiana		EMSL-Bill to: <input type="checkbox"/> Same <input checked="" type="checkbox"/> Different If Bill to is Different note instructions in Comments** Third Party Billing requires written authorization from third party Fax #: Email Address: Chris.burns@tetratech.com Andre.baker@tetratech.com	
Turnaround Time (TAT) Options* - Please Check <input type="checkbox"/> 3 Hour <input type="checkbox"/> 6 Hour <input checked="" type="checkbox"/> 24 Hour <input type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input checked="" type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week <small>*For TEM Air 3 hr through 6 hr, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.</small>			
PCM - Air <input checked="" type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA PLM - Bulk (reporting limit) <input type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)		TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input checked="" type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312 TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	
TEM - Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167) Soil/Rock/Vermiculite <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> EPA Protocol (Semi-Quantitative) <input type="checkbox"/> EPA Protocol (Quantitative) Other:		<input type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group	
Samplers Name: Jason Cashmere		Samplers Signature:	
Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
1	TPA-N2-051-090716	2936 L	9/7/16
2	TPA-S2-052-090716	5376.77 L	9/7/16
3	TPA-SW-053-090716	5528.41 L	9/7/16
4	TPA-W2-054-090716	5515.40 L	9/7/16
5	Field Blank 055		9/7/16
6			
7			
Client Sample # (s): -		Total # of Samples: 5	
Relinquished (Client): Jason Cashmere		Date: 9/7/16	Time: 1635
Received (Lab): FE		Date: 9/8/16	Time: 9:20
Comments/Special Instructions: PCM Sample has a 24 hr TAT TEM has 1 Week TAT *** Please invoice Dennis Linley (dlinley@ctlaboratories.com) CT Labs and Copy Report			

8094 2523 5644

TEM Analysis on Order ID 351606456 Page 1 of 1 351606457

**EMSL Analytical, Inc.**

14375 23rd Avenue North, Minneapolis, Mn 55447

Phone/Fax: (763) 449-4922 / (763) 449-4924

<http://www.EMSL.com>minneapolislab@emsl.com

EMSL Order: 351606457

CustomerID: TEHC25

CustomerPO:

ProjectID:

Attn: **Chris Burns**
Tetra Tech, Inc.
1 South Wacker Dr.
Suite 3700
Chicago, IL 60606

Phone: (312) 201-7700
Fax:
Received: 09/08/16 9:20 AM
Analysis Date: 9/13/2016
Collected: 9/7/2016

Project: **Tocon Property Asbestos**

Test Report: Asbestos Analysis of Air Samples by Transmission Electron Microscopy via NIOSH Method 7402

Sample	Volume (Liters)	Non Asbestos Fibers	PCM F/cc	Asbestos Type(s)	Asbestos Fibers	Asbestos % of total	7402 Adjusted (TEM) F/cc	Notes
1 351606457-0001	2936	2	0.002			0	<0.001	
2 351606457-0002	5376.77	2	0.001			0	<0.001	
3 351606457-0003	5528.41	3	0.001			0	<0.0005	
4 351606457-0004	5515.40	3	0.001			0	<0.0005	

NIOSH 7402 method only reports fibers > 5µm in length and > 0.25µm in width.

This method requires a minimum of 2 field blank analyses per set. The above results are not blank corrected

Average number of asbestos fibers on field blanks: n/a

Average number of non-asbestos fibers on field blanks: n/a

Analyst(s)

Rachel Travis (4)

Rachel Travis, Laboratory Manager
or other approved signatory

EMSL is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. The above report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL Analytical, Inc. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc. Minneapolis, Mn

Initial report from 09/13/2016 14:13:56

EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS - TRAINING

Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

EMSL ANALYTICAL, INC.

KLG-6456-6457
9/8/16

PHONE: ()
FAX

Company: Tetra Tech		EMSL-Bill to: <input type="checkbox"/> Same <input checked="" type="checkbox"/> Different <small>If Bill to is Different note instructions in Comments**</small>	
Street: 1 S Wacker Drive		Third Party Billing requires written authorization from third party	
City: Chicago	State/Province: IL	Zip/Postal Code: 60606	Country: United States
Report To (Name): Chris Burns and Andre Baker		Fax #:	
Telephone #: 312.201.7719 312.201.7760		Email Address: Chris.burns@tetrattech.com Andre.baker@tetrattech.com	
Project Name/Number: Tocon Property Asbestos			
Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email		Purchase Order:	
		U.S. State Samples Taken: Indiana	
Turnaround Time (TAT) Options* - Please Check			
<input type="checkbox"/> 3 Hour <input type="checkbox"/> 6 Hour <input checked="" type="checkbox"/> 24 Hour <input type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input checked="" type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week			
<small>*For TEM Air 3 hr through 6 hr, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.</small>			
PCM - Air <input checked="" type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA PLM - Bulk (reporting limit) <input type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)		TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input checked="" type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312 TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	
		TEM - Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167) Soil/Rock/Vermiculite <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> EPA Protocol (Semi-Quantitative) <input type="checkbox"/> EPA Protocol (Quantitative) Other: <input type="checkbox"/>	
<input type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group			
Samplers Name: Jason Cashmere		Samplers Signature:	
Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
1	TPA-N2-051-090716	2936 L	9/7/16
2	TPA-S2-052-090716	5376.77 L	9/7/16
3	TPA-SW-053-090716	5528.41 L	9/7/16
4	TPA-W2-054-090716	5515.40 L	9/7/16
5	Field Blank 055		9/7/16
6			
7			
Client Sample # (s):		Total # of Samples: 5	
Relinquished (Client): Jason Cashmere		Date: 9/7/16	Time: 1635
Received (Lab): FE		Date: 9/8/16	Time: 9:20
Comments/Special Instructions: PCM Sample has a 24 hr TAT TEM has 1 Week TAT *** Please invoice Dennis Linley (dlinley@ctlaboratories.com) CT Labs and Copy Report			

8094 2523 5644



EMSL Analytical, Inc.

14375 23rd Avenue North Minneapolis, Mn 55447

Tel/Fax: (763) 449-4922 / (763) 449-4924

<http://www.EMSL.com / minneapolislab@emsl.com>

EMSL Order: 351606555

Customer ID: TEHC25

Customer PO:

Project ID:

Attention: Chris Burns
Tetra Tech, Inc.
1 South Wacker Dr.
Suite 3700
Chicago, IL 60606

Project: Tocon Property Asbestos

Phone: (312) 201-7700

Fax:

Received Date: 09/12/2016 9:15 AM

Analysis Date: 09/13/2016

Collected Date: 09/09/2016

Test Report: Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	LOD (fib/cc)	Fibers/mm ²	Fibers/cc	Notes
1	TPA-N2-061-090916	9/09/2016	2902.08	<5.5	100	0.001	<7.01	<0.001	
351606555-0001									
2	TPA-S2-062-090916	9/09/2016	5144.16	<5.5	100	0.001	<7.01	<0.001	
351606555-0002									
3	TPA-SW-063-090916	9/09/2016	5470.08	<5.5	100	0.0005	<7.01	<0.0005	
351606555-0003									
4	TPA-W2-064-090916	9/09/2016	5232.22	<5.5	100	0.001	<7.01	<0.001	
351606555-0004									
5	Field Blank 065	9/09/2016		<5.5	100		<7.01		Field Blank
351606555-0005									

The results reported have been blank corrected as applicable.

Analyst(s):

George Sullivan PCM (5)

Rachel Travis, Laboratory Manager
or Other Approved Signatory

*Following EMSL Analytical SOP Asbestos and Other Fibers by PCM. Limit of detection is 7 fibers/mm². Intra-laboratory Sr values: 5-20 fibers = 0.35, 21-50 fibers = 0.30, 51-100 fibers = 0.20. The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. Results have been blank corrected as applicable. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc. Minneapolis, Mn

Initial Report From: 09/13/2016 08:28:18

EMSL ANALYTICAL INC.
LABORATORY PRODUCTS TRAINING

Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

6555

EMSL ANALYTICAL INC.

PHONE:
FAX:

Company : Tetra Tech		EMSL-Bill to: <input type="checkbox"/> Same <input checked="" type="checkbox"/> Different <small>If Bill to is Different note instructions in Comments**</small>	
Street: 1 S Wacker Drive		<i>Third Party Billing requires written authorization from third party</i>	
City: Chicago	State/Province: IL	Zip/Postal Code: 60606	Country: United States
Report To (Name): Chris Burns and Andre Baker		Fax #:	
Telephone #: 312.201.7719 312.201.7760		Email Address: Chris.burns@tetrattech.com Andre.baker@tetrattech.com	
Project Name/Number: Tocon Property Asbestos			
Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email		Purchase Order:	
U.S. State Samples Taken: Indiana			
Turnaround Time (TAT) Options* - Please Check			
<input type="checkbox"/> 3 Hour <input type="checkbox"/> 6 Hour <input checked="" type="checkbox"/> 24 Hour <input type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week			
<small>*For TEM Air 3 hr through 6 hr, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.</small>			
PCM - Air <input checked="" type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA PLM - Bulk (reporting limit) <input type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)		TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312 TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	
TEM - Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167) Soil/Rock/Vermiculite <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> EPA Protocol (Semi-Quantitative) <input type="checkbox"/> EPA Protocol (Quantitative)		Other: <input type="checkbox"/>	
<input type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group			
Samplers Name: Andre Baker		Samplers Signature:	

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
1	TPA-N2-061-090916	L 2902.08	9/9/16
2	TPA-S2-062-090916	L 5124.16	9/9/16
3	TPA-SW-063-090916	L 5478.08	9/9/16
4	TPA-W2-064-090916	L 5232.22	9/9/16
5	Field Blank 065		9/9/16
6			
7			

Client Sample # (s): -	Total # of Samples: 5
Relinquished (Client): Andre Baker	Date: 9/9/16 Time:
Received (Lab): <i>KEVIN FE</i>	Date: 9/12/16 Time: 9:15
Comments/Special Instructions: PCM Sample has a 24 hr TAT ***NO TEM SAMPLE*** *** Please invoice Dennis Linley (dlinley@ctlaboratories.com) CT Labs and Copy Report	

8094 2523 5633

TEM analysis on order ID 35 Page 1 of 1 1 LG 9/12/16



EMSL Analytical, Inc.

14375 23rd Avenue North Minneapolis, Mn 55447

Tel/Fax: (763) 449-4922 / (763) 449-4924

<http://www.EMSL.com / minneapolislab@emsl.com>

EMSL Order: 351606604

Customer ID: TEHC25

Customer PO:

Project ID:

Attention: Chris Burns
Tetra Tech, Inc.
1 South Wacker Dr.
Suite 3700
Chicago, IL 60606

Project: Tocon Property Asbestos

Phone: (312) 201-7700

Fax:

Received Date: 09/13/2016 9:35 AM

Analysis Date: 09/14/2016

Collected Date: 09/12/2016

Test Report: Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	LOD (fib/cc)	Fibers/mm ²	Fibers/cc	Notes
1	TPA-N2-066-090916	9/12/2016	5514.52	<5.5	100	0.0005	<7.01	<0.0005	
351606604-0001									
2	TPA-S1-067-090916	9/12/2016	5397.68	<5.5	100	0.0005	<7.01	<0.0005	
351606604-0002									
3	TPA-SW-068-090916	9/12/2016	5871.53	<5.5	100	0.0005	<7.01	<0.0005	
351606604-0003									
4	TPA-W2-069-090916	9/12/2016	5435.52	<5.5	100	0.0005	<7.01	<0.0005	
351606604-0004									
5	FB-070	9/12/2016		<5.5	100		<7.01		Field Blank
351606604-0005									

The results reported have been blank corrected as applicable.

Analyst(s):

George Sullivan PCM (5)

Rachel Travis, Laboratory Manager
or Other Approved Signatory

*Following EMSL Analytical SOP Asbestos and Other Fibers by PCM. Limit of detection is 7 fibers/mm². Intra-laboratory Sr values: 5-20 fibers = 0.35, 21-50 fibers = 0.30, 51-100 fibers = 0.20. The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. Results have been blank corrected as applicable. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc. Minneapolis, Mn

Initial Report From: 09/14/2016 10:12:06

EMSL ANALYTICAL, INC.
LABORATORY-PRODUCTS-TRAINING

Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

EMSL ANALYTICAL, INC.

PHONE: ()
FAX: ()

66604

Company : Tetra Tech		EMSL-Bill to: <input type="checkbox"/> Same <input checked="" type="checkbox"/> Different If Bill to is Different note instructions in Comments**	
Street: 1 S Wacker Drive		Third Party Billing requires written authorization from third party	
City: Chicago	State/Province: IL	Zip/Postal Code: 60606	Country: United States
Report To (Name): Chris Burns and Andre Baker		Fax #:	
Telephone #: 312.201.7719 312.201.7760		Email Address: Chris.burns@tetratech.com Andre.baker@tetratech.com	
Project Name/Number: Tocon Property Asbestos			
Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email <input type="checkbox"/> Purchase Order:		U.S. State Samples Taken: Indiana	
Turnaround Time (TAT) Options* - Please Check			
<input type="checkbox"/> 3 Hour <input type="checkbox"/> 6 Hour <input checked="" type="checkbox"/> 24 Hour <input type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week			
*For TEM Air 3 hr through 6 hr, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.			
PCM - Air <input checked="" type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA PLM - Bulk (reporting limit) <input type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)		TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312 TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	
		TEM - Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167) Soil/Rock/Vermiculite <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> EPA Protocol (Semi-Quantitative) <input type="checkbox"/> EPA Protocol (Quantitative) Other:	
<input type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group			
Samplers Name: Jason Cashmere		Samplers Signature:	
Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
1	TPA-N2-066-090916	5514.52L	9/12/16
2	TPA-S1-067-090916	5397.68L	9/12/16
3	TPA-SW-068-090916	5871.53L	9/12/16
4	TPA-W2-069-090916	5435.52L	9/12/16
5	FB-070		9/12/16
6			
7			
Client Sample # (s): -		Total # of Samples: 5	
Relinquished (Client): <i>JR</i>		Date: 9/12/16	Time: 1730
Received (Lab): <i>KY</i> FE		Date: 9/13/16	Time: 935
Comments/Special Instructions: PCM Sample has a 24 hr TAT ***NO TEM ANALYSIS*** *** Please invoice Dennis Linley (dlinley@ctlaboratories.com) CT Labs and Copy Report			

8094 2523 5622



EMSL Analytical, Inc.

14375 23rd Avenue North Minneapolis, Mn 55447

Tel/Fax: (763) 449-4922 / (763) 449-4924

<http://www.EMSL.com / minneapolislab@emsl.com>

EMSL Order: 351606636

Customer ID: TEHC25

Customer PO:

Project ID:

Attention: Chris Burns
Tetra Tech, Inc.
1 South Wacker Dr.
Suite 3700
Chicago, IL 60606

Project: Tocon Property Asbestos

Phone: (312) 201-7700

Fax:

Received Date: 09/14/2016 9:25 AM

Analysis Date: 09/14/2016

Collected Date: 09/13/2016

Test Report: Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	LOD (fib/cc)	Fibers/mm ²	Fibers/cc	Notes
1	TPA-N2-071-091316	9/13/2016	5366.48	<5.5	100	0.001	<7.01	<0.0005	
351606636-0001									
2	TPA-S1-072-091316	9/13/2016	5246.73	<5.5	100	0.001	<7.01	<0.001	
351606636-0002									
3	TPA-SW-073-091316	9/13/2016	4742.22	6.5	100	0.001	8.28	0.001	
351606636-0003									
4	TPA-W2-074-091316	9/13/2016	5045.14	<5.5	100	0.001	<7.01	<0.001	
351606636-0004									
5	FB-075	9/13/2016		<5.5	100		<7.01		Field Blank
351606636-0005									

The results reported have been blank corrected as applicable.

Analyst(s):

George Sullivan PCM (5)

Rachel Travis, Laboratory Manager
or Other Approved Signatory

*Following EMSL Analytical SOP Asbestos and Other Fibers by PCM. Limit of detection is 7 fibers/mm². Intra-laboratory Sr values: 5-20 fibers = 0.35, 21-50 fibers = 0.30, 51-100 fibers = 0.20. The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. Results have been blank corrected as applicable. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc. Minneapolis, Mn

Initial Report From: 09/14/2016 13:50:54



EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRAINING

Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

EMSL ANALYTICAL, INC.

PHONE: ()
FAX

6636

Company : Tetra Tech		EMSL-Bill to: <input type="checkbox"/> Same <input checked="" type="checkbox"/> Different If Bill to is Different note instructions in Comments**	
Street: 1 S Wacker Drive		Third Party Billing requires written authorization from third party	
City: Chicago	State/Province: IL	Zip/Postal Code: 60606	Country: United States
Report To (Name): Chris Burns and Andre Baker		Fax #:	
Telephone #: 312.201.7719 312.201.7760		Email Address: Chris.burns@tetrattech.com Andre.baker@tetrattech.com	
Project Name/Number: Tocon Property Asbestos			
Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email <input type="checkbox"/> Purchase Order:		U.S. State Samples Taken: Indiana	
Turnaround Time (TAT) Options* - Please Check			
<input type="checkbox"/> 3 Hour <input type="checkbox"/> 6 Hour <input checked="" type="checkbox"/> 24 Hour <input type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week			
*For TEM Air 3 hr through 6 hr, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide			
PCM - Air <input checked="" type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA PLM - Bulk (reporting limit) <input type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)		TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312 TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	
		TEM- Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167) Soil/Rock/Vermiculite <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> EPA Protocol (Semi-Quantitative) <input type="checkbox"/> EPA Protocol (Quantitative) Other: <input type="checkbox"/>	
<input type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group			
Samplers Name: Jason Cashmere		Samplers Signature:	
Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
1	TPA-N2-071-091316	5366.48L	9/13/16
2	TPA-S1-072-091316	5246.73L	9/13/16
3	TPA-SW-073-091316	4742.22L	9/13/16
4	TPA-W2-074-091316	5045.14L	9/13/16
5	FB-075		9/13/16
6			
7			
Client Sample # (s):		Total # of Samples: 5	
Relinquished (Client): <i>JCL</i>	Date: 9/13/16	Time: 1700	
Received (Lab): <i>M. Maypool FE</i>	Date: 9/14/16	Time: 9:25	
Comments/Special Instructions: PCM Sample has a 24 hr TAT ***NO TEM ANALYSIS***		8094 2523 5611	
*** Please invoice Dennis Linley (dlinley@ctlaboratories.com) CT Labs and Copy Report			



EMSL Analytical, Inc.

14375 23rd Avenue North Minneapolis, Mn 55447

Tel/Fax: (763) 449-4922 / (763) 449-4924

<http://www.EMSL.com / minneapolislab@emsl.com>

EMSL Order: 351606665

Customer ID: TEHC25

Customer PO:

Project ID:

Attention: Chris Burns
Tetra Tech, Inc.
1 South Wacker Dr.
Suite 3700
Chicago, IL 60606

Project: Tocon Property Asbestos

Phone: (312) 201-7700

Fax:

Received Date: 09/15/2016 9:40 AM

Analysis Date: 09/15/2016

Collected Date: 09/14/2016

Test Report: Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	LOD (fib/cc)	Fibers/mm ²	Fibers/cc	Notes
1	TPA-N2-076-091416	9/14/2016	4722.96	<5.5	100	0.001	<7.01	<0.001	
351606665-0001									
2	TPA-S1-077-091416	9/14/2016	4663.42	<5.5	100	0.001	<7.01	<0.001	
351606665-0002									
3	TPA-SW-078-091416	9/14/2016	4539.45	<5.5	100	0.001	<7.01	<0.001	
351606665-0003									
4	TPA-W2-079-091416	9/14/2016	4745.73	<5.5	100	0.001	<7.01	<0.001	
351606665-0004									
5	FB-080	9/14/2016		<5.5	100		<7.01		Field Blank
351606665-0005									

The results reported have been blank corrected as applicable.

Analyst(s):

George Sullivan PCM (5)

Rachel Travis, Laboratory Manager
or Other Approved Signatory

*Following EMSL Analytical SOP Asbestos and Other Fibers by PCM. Limit of detection is 7 fibers/mm². Intra-laboratory Sr values: 5-20 fibers = 0.35, 21-50 fibers = 0.30, 51-100 fibers = 0.20. The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. Results have been blank corrected as applicable. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc. Minneapolis, Mn

Initial Report From: 09/15/2016 14:51:10

EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRAINING

Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

EMSL ANALYTICAL, INC.

PHONE: ()
FAX: ()

6665

Company : Tetra Tech		EMSL-Bill to: <input type="checkbox"/> Same <input checked="" type="checkbox"/> Different <small>If Bill to is Different note instructions in Comments**</small>	
Street: 1 S Wacker Drive		<i>Third Party Billing requires written authorization from third party</i>	
City: Chicago	State/Province: IL	Zip/Postal Code: 60606	Country: United States
Report To (Name): Chris Burns and Andre Baker		Fax #:	
Telephone #: 312.201.7719 312.201.7760		Email Address: Chris.burns@tetrattech.com Andre.baker@tetrattech.com	
Project Name/Number: Tocon Property Asbestos			
Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email		Purchase Order:	
		U.S. State Samples Taken: Indiana	
Turnaround Time (TAT) Options* - Please Check			
<input type="checkbox"/> 3 Hour <input type="checkbox"/> 6 Hour <input checked="" type="checkbox"/> 24 Hour <input type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week			
<small>*For TEM Air 3 hr through 6 hr, please call ahead to schedule *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide</small>			
PCM - Air <input checked="" type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA PLM - Bulk (reporting limit) <input type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)		TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312 TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	
		TEM- Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167) Soil/Rock/Vermiculite <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> EPA Protocol (Semi-Quantitative) <input type="checkbox"/> EPA Protocol (Quantitative) Other: <input type="checkbox"/>	
<input type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group			
Samplers Name: Jason Cashmere		Samplers Signature:	
Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
1	TPA-N2-076-091416	4722.96L	9/14/16
2	TPA-S1-077-091416	4663.42L	9/14/16
3	TPA-SW-078-091416	4539.45L	9/14/16
4	TPA-W2-079-091416	4745.73L	9/14/16
5	FB-080		9/14/16
6			
7			
Client Sample # (s):		Total # of Samples: 5	
Relinquished (Client):		Date: 9/14/16	Time: 1605
Received (Lab):		Date: 9/15/16	Time: 9:40
Comments/Special Instructions: PCM Sample has a 24 hr TAT ***NO TEM ANALYSIS*** *** Please invoice Dennis Linley (dlinley@ctlaboratories.com) CT Labs and Copy Report 8094 2523 5600			



EMSL Analytical, Inc.

14375 23rd Avenue North Minneapolis, Mn 55447

Tel/Fax: (763) 449-4922 / (763) 449-4924

<http://www.EMSL.com / minneapolislab@emsl.com>

EMSL Order: 351606697

Customer ID: TEHC25

Customer PO:

Project ID:

Attention: Chris Burns
Tetra Tech, Inc.
1 South Wacker Dr.
Suite 3700
Chicago, IL 60606

Project: Tocon Property Asbestos

Phone: (312) 201-7700

Fax:

Received Date: 09/16/2016 9:30 AM

Analysis Date: 09/19/2016

Collected Date: 09/15/2016

Test Report: Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	LOD (fib/cc)	Fibers/mm ²	Fibers/cc	Notes
1	TPA-N2-081-091516	9/15/2016	4656.00	<5.5	100	0.001	<7.01	<0.001	
351606697-0001									
2	TPA-S1-082-091516	9/15/2016	5060.00	<5.5	100	0.001	<7.01	<0.001	
351606697-0002									
3	TPA-SW-083-091516	9/15/2016	5292.00	<5.5	100	0.001	<7.01	<0.001	
351606697-0003									
4	TPA-W2-084-091516	9/15/2016	4993.00	<5.5	100	0.001	<7.01	<0.001	
351606697-0004									
5	FB-085	9/15/2016		<5.5	100		<7.01		Field Blank
351606697-0005									

The results reported have been blank corrected as applicable.

Analyst(s):

George Sullivan PCM (5)

Rachel Travis, Laboratory Manager
or Other Approved Signatory

*Following EMSL Analytical SOP Asbestos and Other Fibers by PCM. Limit of detection is 7 fibers/mm². Intra-laboratory Sr values: 5-20 fibers = 0.35, 21-50 fibers = 0.30, 51-100 fibers = 0.20. The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. Results have been blank corrected as applicable. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc. Minneapolis, Mn

Initial Report From: 09/19/2016 10:31:19



EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

EMSL ANALYTICAL, INC.

6697

PHONE: ()
FAX: ()

Company : Tetra Tech		EMSL-Bill to: <input type="checkbox"/> Same <input checked="" type="checkbox"/> Different <small>If Bill to is Different note instructions in Comments**</small>	
Street: 1 S Wacker Drive		<i>Third Party Billing requires written authorization from third party</i>	
City: Chicago	State/Province: IL	Zip/Postal Code: 60606	Country: United States
Report To (Name): Chris Burns and Andre Baker		Fax #:	
Telephone #: 312.201.7719 312.201.7760		Email Address: Chris.burns@tetrattech.com Andre.baker@tetrattech.com	
Project Name/Number: Tocon Property Asbestos			
Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email		Purchase Order:	U.S. State Samples Taken: Indiana
Turnaround Time (TAT) Options* - Please Check			
<input type="checkbox"/> 3 Hour <input type="checkbox"/> 6 Hour <input checked="" type="checkbox"/> 24 Hour <input type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week			
<small>*For TEM Air 3 hr through 6 hr, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.</small>			
PCM - Air <input checked="" type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA		TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312	
PLM - Bulk (reporting limit) <input type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)		TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	
		TEM - Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167)	
		Soil/Rock/Vermiculite <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> EPA Protocol (Semi-Quantitative) <input type="checkbox"/> EPA Protocol (Quantitative)	
		Other: <input type="checkbox"/>	
<input type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group			
Samplers Name: Jason Cashmere		Samplers Signature:	
Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
1	TPA-N2-081-091516	4656L	9/15/16
2	TPA-S1-082-091516	5060L	9/15/16
3	TPA-SW-083-091516	5292L	9/15/16
4	TPA-W2-084-091516	4993L	9/15/16
5	FB-085		9/15/16
6			
7			
Client Sample # (s): -		Total # of Samples: 5	
Relinquished (Client):		Date: 9/16/10	Time: 1645
Received (Lab):		Date: 9/16/16	Time: 9:30
Comments/Special Instructions: PCM Sample has a 24 hr TAT ***NO TEM ANALYSIS*** *** Please invoice Dennis Linley (dlinley@ctlaboratories.com) CT Labs and Copy Report			



EMSL Analytical, Inc.

14375 23rd Avenue North Minneapolis, Mn 55447

Tel/Fax: (763) 449-4922 / (763) 449-4924

<http://www.EMSL.com / minneapolislab@emsl.com>

EMSL Order: 351606733

Customer ID: TEHC25

Customer PO:

Project ID:

Attention: Chris Burns
Tetra Tech, Inc.
1 South Wacker Dr.
Suite 3700
Chicago, IL 60606

Project: Tocon Property Asbestos

Phone: (312) 201-7700

Fax:

Received Date: 09/19/2016 9:05 AM

Analysis Date: 09/19/2016

Collected Date: 09/16/2016

Test Report: Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	LOD (fib/cc)	Fibers/mm ²	Fibers/cc	Notes
1	TPA-N2-086-091616	9/16/2016	4598.72	<5.5	100	0.001	<7.01	<0.001	
351606733-0001									
2	TPA-S1-087-091616	9/16/2016	4462.50	<5.5	100	0.001	<7.01	<0.001	
351606733-0002									
3	TPA-SW-088-091616	9/16/2016	4118.64	<5.5	100	0.001	<7.01	<0.001	
351606733-0003									
4	TPA-W2-089-091616	9/16/2016	4464.90	<5.5	100	0.001	<7.01	<0.001	
351606733-0004									
5	FB-090	9/16/2016		<5.5	100		<7.01		Field Blank
351606733-0005									

The results reported have been blank corrected as applicable.

Analyst(s):

George Sullivan PCM (5)

Rachel Travis, Laboratory Manager
or Other Approved Signatory

*Following EMSL Analytical SOP Asbestos and Other Fibers by PCM. Limit of detection is 7 fibers/mm². Intra-laboratory Sr values: 5-20 fibers = 0.35, 21-50 fibers = 0.30, 51-100 fibers = 0.20. The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. Results have been blank corrected as applicable. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc. Minneapolis, Mn

Initial Report From: 09/19/2016 14:15:19

EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRAINING

Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

6733

EMSL ANALYTICAL, INC.

PHONE: ()
FAX: ()

Company : Tetra Tech		EMSL-Bill to: <input type="checkbox"/> Same <input checked="" type="checkbox"/> Different <small>If Bill to is Different note instructions in Comments**</small>	
Street: 1 S Wacker Drive		<i>Third Party Billing requires written authorization from third party</i>	
City: Chicago	State/Province: IL	Zip/Postal Code: 60606	Country: United States
Report To (Name): Chris Burns and Andre Baker		Fax #:	
Telephone #: 312.201.7719 312.201.7760		Email Address: Chris.burns@tetrattech.com Andre.baker@tetrattech.com	
Project Name/Number: Tocon Property Asbestos			
Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email <input type="checkbox"/> Purchase Order:		U.S. State Samples Taken: Indiana	
Turnaround Time (TAT) Options* - Please Check			
<input type="checkbox"/> 3 Hour <input type="checkbox"/> 6 Hour <input checked="" type="checkbox"/> 24 Hour <input type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week			
<small>*For TEM Air 3 hr through 6 hr, please call ahead to schedule *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.</small>			
PCM - Air <input checked="" type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA PLM - Bulk (reporting limit) <input type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)		TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312 TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	
		TEM - Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167) Soil/Rock/Vermiculite <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> EPA Protocol (Semi-Quantitative) <input type="checkbox"/> EPA Protocol (Quantitative) Other:	
<input type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group			
Samplers Name: Jason Cashmere		Samplers Signature:	
Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
1	TPA-N2-086-091616	4598.72L	9/16/16
2	TPA-S1-087-091616	4462.50L	9/16/16
3	TPA-SW-088-091616	4118.64L	9/16/16
4	TPA-W2-089-091616	4464.90L	9/16/16
5	FB-090		9/16/16
6			
7			
Client Sample # (s):		Total # of Samples: 5	
Relinquished (Client):		Date: 9/16/16	Time: 1550
Received (Lab):		Date: 9/19/16	Time: 9:05
Comments/Special Instructions: PCM Sample has a 24 hr TAT ***NO TEM ANALYSIS***			
*** Please invoice Dennis Linley (dlinley@ctlaboratories.com) CT Labs and Copy Report			

8094 1344 8061



EMSL Analytical, Inc.

14375 23rd Avenue North Minneapolis, Mn 55447

Tel/Fax: (763) 449-4922 / (763) 449-4924

<http://www.EMSL.com / minneapolislab@emsl.com>

EMSL Order: 351606785

Customer ID: TEHC25

Customer PO:

Project ID:

Attention: Chris Burns
Tetra Tech, Inc.
1 South Wacker Dr.
Suite 3700
Chicago, IL 60606

Project: Tocon Property Asbestos

Phone: (312) 201-7700

Fax:

Received Date: 09/20/2016 9:25 AM

Analysis Date: 09/20/2016

Collected Date: 09/19/2016

Test Report: Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	LOD (fib/cc)	Fibers/ mm ²	Fibers/ cc	Notes
1	TPA-N1-091-091916	9/19/2016	3824.53	<5.5	100	0.001	<7.01	<0.001	
351606785-0001									
2	TPA-N2-092-091916	9/19/2016	3784.06	<5.5	100	0.001	<7.01	<0.001	
351606785-0002									
3	FB-93	9/19/2016		<5.5	100		<7.01		Field Blank
351606785-0003									

The results reported have been blank corrected as applicable.

Analyst(s):

George Sullivan PCM (3)

Rachel Travis, Laboratory Manager
or Other Approved Signatory

*Following EMSL Analytical SOP Asbestos and Other Fibers by PCM. Limit of detection is 7 fibers/mm². Intra-laboratory Sr values: 5-20 fibers = 0.35, 21-50 fibers = 0.30, 51-100 fibers = 0.20. The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. Results have been blank corrected as applicable. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc. Minneapolis, Mn

Initial Report From: 09/20/2016 14:23:52



EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

EMSL ANALYTICAL, INC.

6785

PHONE: ()
FAX: ()

Company : Tetra Tech		EMSL-Bill to: <input type="checkbox"/> Same <input checked="" type="checkbox"/> Different If Bill to is Different note instructions in Comments**	
Street: 1 S Wacker Drive		Third Party Billing requires written authorization from third party	
City: Chicago	State/Province: IL	Zip/Postal Code: 60606	Country: United States
Report To (Name): Chris Burns and Andre Baker		Fax #:	
Telephone #: 312.201.7719 312.201.7760		Email Address: Chris.burns@tetrattech.com Andre.baker@tetrattech.com	
Project Name/Number: Tocon Property Asbestos			
Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email		Purchase Order: U.S. State Samples Taken: Indiana	
Turnaround Time (TAT) Options* - Please Check			
<input type="checkbox"/> 3 Hour <input type="checkbox"/> 6 Hour <input checked="" type="checkbox"/> 24 Hour <input type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week			
*For TEM Air 3 hr through 6 hr, please call ahead to schedule *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide			
PCM - Air <input checked="" type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA PLM - Bulk (reporting limit) <input type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)		TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312 TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	
		TEM- Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167) Soil/Rock/Vermiculite <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> EPA Protocol (Semi-Quantitative) <input type="checkbox"/> EPA Protocol (Quantitative) Other: <input type="checkbox"/>	
<input type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group			
Samplers Name: Andre Baker		Samplers Signature: <i>Andre Baker</i>	
Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
1	TPA-N2-091-09116 ^{AB} _{AS}	3824.53	9/19/16
2	TPA-N2-092-09116 ^{AB} _{AS}	3784.06	9/19/16
3	FB-93		9/19/16
4			
5			
6			
7			
Client Sample # (s):		Total # of Samples: 3	
Relinquished (Client):		Date: Time:	
Received (Lab): <i>M. Maypool FE</i>		Date: <i>9/20/16</i> Time: <i>9:25</i>	
Comments/Special Instructions: PCM Sample has a 24 hr TAT ***NO TEM ANALYSIS*** 8094 1344 8050 *** Please invoice Dennis Linley (dlinley@ctlaboratories.com) CT Labs and Copy Report			



EMSL Analytical, Inc.

14375 23rd Avenue North Minneapolis, Mn 55447

Tel/Fax: (763) 449-4922 / (763) 449-4924

<http://www.EMSL.com / minneapolislab@emsl.com>

EMSL Order: 351606839

Customer ID: TEHC25

Customer PO:

Project ID:

Attention: Chris Burns
Tetra Tech, Inc.
1 South Wacker Dr.
Suite 3700
Chicago, IL 60606

Project: Tocon Property Asbestos

Phone: (312) 201-7700

Fax:

Received Date: 09/21/2016 9:50 AM

Analysis Date: 09/22/2016

Collected Date: 09/20/2016

Test Report: Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	LOD (fib/cc)	Fibers/mm ²	Fibers/cc	Notes
1	TPA-N2-094-092016	9/20/2016	5710.10	14	100	0.0005	17.8	0.001	
351606839-0001									
2	TPA-N1-095-092016	9/20/2016	5834.55	10.5	100	0.0005	13.4	0.001	
351606839-0002									
3	TPA-SW-096-092016	9/20/2016	5617.52	13.5	100	0.0005	17.2	0.001	
351606839-0003									
4	TPA-W2-097-092016	9/20/2016	5849.70	6	100	0.0005	7.64	0.0005	
351606839-0004									

No discernable field blanks submitted with this sample set.

Analyst(s):

George Sullivan PCM (4)

Rachel Travis, Laboratory Manager
or Other Approved Signatory

*Following EMSL Analytical SOP Asbestos and Other Fibers by PCM. Limit of detection is 7 fibers/mm². Intra-laboratory Sr values: 5-20 fibers = 0.35, 21-50 fibers = 0.30, 51-100 fibers = 0.20. The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. Results have been blank corrected as applicable. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc. Minneapolis, Mn

Initial Report From: 09/22/2016 08:55:07



EMSL ANALYTICAL INC.
LABORATORY-PRODUCTS-TRAINING

Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

EMSL ANALYTICAL INC.

PHONE: ()
FAX: ()

6839

Company: Tetra Tech		EMSL-Bill to: <input type="checkbox"/> Same <input checked="" type="checkbox"/> Different If Bill to is Different note instructions in Comments**	
Street: 1 S Wacker Drive		Third Party Billing requires written authorization from third party	
City: Chicago	State/Province: IL	Zip/Postal Code: 60606	Country: United States
Report To (Name): Chris Burns and Andre Baker		Fax #:	
Telephone #: 312.201.7719 312.201.7760		Email Address: Chris.burns@tetrattech.com Andre.baker@tetrattech.com	

Project Name/Number: Tocon Property Asbestos

Please Provide Results: ☐ Fax ☒ Email Purchase Order: U.S. State Samples Taken: Indiana

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☒ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

*For TEM Air 3 hr through 6 hr, please call ahead to schedule *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.

PCM - Air

☒ NIOSH 7400
☐ w/ OSHA 8hr. TWA

PLM - Bulk (reporting limit)

☐ PLM EPA 600/R-93/116 (<1%)
☐ PLM EPA NOB (<1%)
 Point Count
☐ 400 (<0.25%) ☐ 1000 (<0.1%)
 Point Count w/Gravimetric
☐ 400 (<0.25%) ☐ 1000 (<0.1%)
☐ NYS 198.1 (friable in NY)
☐ NYS 198.6 NOB (non-friable-NY)
☐ NIOSH 9002 (<1%)
TEM - Air ☐ 4-4.5hr TAT (AHERA only)
☐ AHERA 40 CFR, Part 763
☐ NIOSH 7402
☐ EPA Level II
☐ ISO 10312

TEM - Bulk

☐ TEM EPA NOB
☐ NYS NOB 198.4 (non-friable-NY)
☐ Chatfield SOP
☐ TEM Mass Analysis-EPA 600 sec. 2.5

TEM - Water: EPA 100.2

 Fibers >10µm ☐ Waste ☐ Drinking
 All Fiber Sizes ☐ Waste ☐ Drinking

TEM - Dust

☐ Microvac - ASTM D 5755
☐ Wipe - ASTM D6480
☐ Carpet Sonication (EPA 600/J-93/167)

Soil/Rock/Vermiculite

☐ PLM CARB 435 - A (0.25% sensitivity)
☐ PLM CARB 435 - B (0.1% sensitivity)
☐ TEM CARB 435 - B (0.1% sensitivity)
☐ TEM CARB 435 - C (0.01% sensitivity)
☐ EPA Protocol (Semi-Quantitative)
☐ EPA Protocol (Quantitative)

Other:

☐☐ Check For Positive Stop - Clearly Identify Homogenous Group

Samplers Name: Andre Baker

Samplers Signature:

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
1	TPA-N2-094-092016	5710.10	9/20/16
2	TPA-N1-095-092016	5834.55	9/20/16
3	TPA-SW-096-092016	5617.52	9/20/16
4	TPA-W2-097-092016	5849.70	9/20/16
5	FB-98 Sample not submitted per Andre Baker		
6			
7	KLG 9/21/16		

Client Sample # (s):

Total # of Samples: 5

Relinquished (Client):

Date: 9/20/16

Time:

Received (Lab):

Date: 9/21/16

Time: 9:50

Comments/Special Instructions: PCM Sample has a 24 hr TAT ***NO TEM ANALYSIS***

*** Please invoice Dennis Linley (dlinley@ctlaboratories.com) CT Labs and Copy Report

S094 1344 8040



EMSL Analytical, Inc.

14375 23rd Avenue North Minneapolis, Mn 55447

Tel/Fax: (763) 449-4922 / (763) 449-4924

<http://www.EMSL.com / minneapolislab@emsl.com>

EMSL Order: 351606864

Customer ID: TEHC25

Customer PO:

Project ID:

Attention: Chris Burns
Tetra Tech, Inc.
1 South Wacker Dr.
Suite 3700
Chicago, IL 60606

Project: Tocon Property Asbestos

Phone: (312) 201-7700

Fax:

Received Date: 09/22/2016 9:50 AM

Analysis Date: 09/22/2016

Collected Date: 09/21/2016

Test Report: Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	LOD (fib/cc)	Fibers/mm ²	Fibers/cc	Notes
1	TPA-N1-099-092116	9/21/2016	5827.41	12	100	0.0005	15.3	0.001	
351606864-0001									
2	TPA-N2-100-092116	9/21/2016	5161.28	13	100	0.001	16.6	0.001	
351606864-0002									
3	TPA-W1-101-092116	9/21/2016	5479.06	7.5	100	0.0005	9.55	0.001	
351606864-0003									
4	TPA-W2-102-092116	9/21/2016	5331.20	6	100	0.001	7.64	0.001	
351606864-0004									
5	FB-103	9/21/2016		<5.5	100		<7.01		Field Blank
351606864-0005									

The results reported have been blank corrected as applicable.

Analyst(s):

George Sullivan PCM (5)

Rachel Travis, Laboratory Manager
or Other Approved Signatory

*Following EMSL Analytical SOP Asbestos and Other Fibers by PCM. Limit of detection is 7 fibers/mm². Intra-laboratory Sr values: 5-20 fibers = 0.35, 21-50 fibers = 0.30, 51-100 fibers = 0.20. The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. Results have been blank corrected as applicable. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc. Minneapolis, Mn

Initial Report From: 09/22/2016 14:57:19



EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRAINING

Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

6864

EMSL ANALYTICAL, INC.

PHONE ()
FAX ()

Company : Tetra Tech		EMSL-Bill to: <input type="checkbox"/> Same <input checked="" type="checkbox"/> Different <small>If Bill to is Different note instructions in Comments**</small>	
Street: 1 S Wacker Drive		Third Party Billing requires written authorization from third party	
City: Chicago	State/Province: IL	Zip/Postal Code: 60606	Country: United States
Report To (Name): Chris Burns and Andre Baker		Fax #:	
Telephone #: 312.201.7719 312.201.7760		Email Address: Chris.burns@tetratech.com Andre.baker@tetratech.com	
Project Name/Number: Tocon Property Asbestos			
Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email		Purchase Order: U.S. State Samples Taken: Indiana	
Turnaround Time (TAT) Options* - Please Check			
<input type="checkbox"/> 3 Hour <input type="checkbox"/> 6 Hour <input checked="" type="checkbox"/> 24 Hour <input type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week			
<small>*For TEM Air 3 hr through 6 hr, please call ahead to schedule *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide</small>			
PCM - Air <input checked="" type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA PLM - Bulk (reporting limit) <input type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)		TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312 TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	
		TEM- Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167) Soil/Rock/Vermiculite <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> EPA Protocol (Semi-Quantitative) <input type="checkbox"/> EPA Protocol (Quantitative) Other: <input type="checkbox"/>	
<input type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group			
Samplers Name: Andre Baker		Samplers Signature:	
Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
1	TPA-N1-099-092116	5827.41	9/21/16
2	TPA-N2-100-092116	5161.28	9/21/16
3	TPA-W1-101-092116	5479.06	9/21/16
4	TPA-W2-102-092116	5331.20	9/21/16
5	FB-103		
6			
7			
Client Sample # (s):		Total # of Samples: 5	
Relinquished (Client):		Date:	Time:
Received (Lab): Mclainpool FE		Date: 9/22/16	Time: 9:50
Comments/Special Instructions: PCM Sample has a 24 hr TAT ***NO TEM ANALYSIS*** *** Please invoice Dennis Linley (dlinley@ctlaboratories.com) CT Labs and Copy Report			

8094 1344 8039



EMSL Analytical, Inc.

14375 23rd Avenue North, Minneapolis, Mn 55447

Phone/Fax: (763) 449-4922 / (763) 449-4924

<http://www.EMSL.com>

minneapolislab@emsl.com

EMSL Order: 351606887

CustomerID: TEHC25

CustomerPO:

ProjectID:

Attn: **Chris Burns**
Tetra Tech, Inc.
1 South Wacker Dr.
Suite 3700
Chicago, IL 60606

Phone: (312) 201-7700
Fax:
Received: 09/22/16 9:30 AM
Analysis Date: 9/27/2016
Collected: 9/20/2016

Project: **Tocon Property Asbestos**

Test Report: Asbestos Analysis of Air Samples by Transmission Electron Microscopy via NIOSH Method 7402

Sample	Volume (Liters)	Non Asbestos Fibers	PCM F/cc	Asbestos Type(s)	Asbestos Fibers	Asbestos % of total	7402 Adjusted (TEM) F/cc	Notes
1 351606887-0001	5710.10	4	0.001			0	<0.0005	Sample Description: TPA-N2-094-092016
2 351606887-0002	5834.55	4	0.001			0	<0.0005	Sample Description: TPA-N1-095-092016
3 351606887-0003	5617.52	2.5	0.001			0	<0.0005	Sample Description: TPA-SW-096-092016
4 351606887-0004	5849.70	2	0.001			0	<0.0005	Sample Description: TPA-W2-097-092016

NIOSH 7402 method only reports fibers > 5µm in length and > 0.25µm in width.

This method requires a minimum of 2 field blank analyses per set. The above results are not blank corrected

Average number of asbestos fibers on field blanks: n/a

Average number of non-asbestos fibers on field blanks: n/a

Analyst(s)

Mark Erickson (4)

Rachel Travis, Laboratory Manager
or other approved signatory

EMSL is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. The above report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL Analytical, Inc. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc. Minneapolis, Mn

Initial report from 09/27/2016 17:02:36

Gerrits, Krista

From: Baker, Andre <Andre.Baker@tetrattech.com>
Sent: Thursday, September 22, 2016 4:33 PM
To: Gerrits, Krista
Subject: RE: Request for TEM Analysis

Hi krista

That is correct please do TEM for this set of samples

Thank you

Sent from my T-Mobile 4G LTE Device

----- Original message -----

From: "Gerrits, Krista" <kgerrits@EMSL.com>
Date: 9/22/16 5:30 PM (GMT-05:00)
To: "Baker, Andre" <Andre.Baker@tetrattech.com>
Subject: Request for TEM Analysis

Hi Andre,

I am just following up to confirm that per our phone conversation this morning, you would like samples from EMSL Order ID 351606839 analyzed by TEM 7402 at a 1 week TAT.

Thank you,



Krista Gerrits | Administrative Assistant

EMSL Analytical, Inc. | 14375 23rd Avenue North | Minneapolis, MN 55447

Phone 763-449-4922 | Fax 763-449-4924 | Toll Free: 866-736-4824

Lab Hours: Monday - Friday 8AM - 6PM, Saturday-Sunday On-Call

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Thank you "



EMSL Analytical, Inc.

14375 23rd Avenue North, Minneapolis, Mn 55447

Phone/Fax: (763) 449-4922 / (763) 449-4924

<http://www.EMSL.com>

minneapolislab@emsl.com

EMSL Order: 351606908

CustomerID: TEHC25

CustomerPO:

ProjectID:

Attn: **Andre Baker**
Tetra Tech, Inc.
1 South Wacker Dr.
Suite 3700
Chicago, IL 60606

Phone: (312) 201-7700
Fax:
Received: 09/23/16 10:00 AM
Analysis Date: 9/29/2016
Collected: 9/21/2016

Project: **Tocon Property Asbestos**

Test Report: Asbestos Analysis of Air Samples by Transmission Electron Microscopy via NIOSH Method 7402

Sample	Volume (Liters)	Non Asbestos Fibers	PCM F/cc	Asbestos Type(s)	Asbestos Fibers	Asbestos % of total	7402 Adjusted (TEM) F/cc	Notes
1 351606908-0001	5827.41	1	0.001			0	<0.0005	
2 351606908-0002	5161.28	5	0.001			0	<0.001	
3 351606908-0003	5479.06	2	0.001			0	<0.0005	
4 351606908-0004	5331.20	2	0.001			0	<0.001	

NIOSH 7402 method only reports fibers > 5µm in length and > 0.25µm in width.

This method requires a minimum of 2 field blank analyses per set. The above results are not blank corrected

Average number of asbestos fibers on field blanks: n/a

Average number of non-asbestos fibers on field blanks: n/a

Analyst(s)

Mark Erickson (4)

Rachel Travis, Laboratory Manager
or other approved signatory

EMSL is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. The above report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL Analytical, Inc. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc. Minneapolis, Mn

Initial report from 09/29/2016 11:48:12

Tetra Tech, Inc.
OrderID: 351606908
Tocon Property Asbestos
9/23/2016 10:0
TEM 7402

TAT: 1 Week
Air

Order ID: 351606908
No Samples: #No due date
Due:
Fax:

6908

From: Travis, Rachel
Sent: Friday, September 23, 2016 11:39 AM
To: Baker, Andre
Cc: EMSL Lab - Minneapolis
Subject: RE: EMSL report, COC for order(s) 351606864 (351606864 - Tocon Property Asbestos)

Ok, we will run samples 99 – 102 by TEM for 1 week TAT,
Thanks,



Rachel Travis | Laboratory Manager
EMSL Analytical, Inc. | 14375 23rd Avenue North | Minneapolis, MN 55447
Phone: 763-449-4922 | Fax: 763-449-4924 | Toll Free: 866-736-4824
Lab Hours: Monday - Friday 8AM - 6PM, Saturday-Sunday On-Call

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[LABConnect](#) | [Order Products](#) | [Client Corner](#) | [Training](#) | [Additional Resources](#) | [Sampling Videos](#)

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From: Baker, Andre [mailto:Andre.Baker@tetrattech.com]
Sent: Friday, September 23, 2016 11:35 AM
To: Travis, Rachel
Subject: RE: EMSL report, COC for order(s) 351606864 (351606864 - Tocon Property Asbestos)

Hi, Rachel

Please run TEM even though they are .001 f/cc we are just trying to establish if any asbestos fibers are possibly migrating off the site. Run for all samples that had fibers detected regardless of the low f/cc.

Thank you

Sent from my T-Mobile 4G LTE Device

----- Original message -----

From: "Travis, Rachel" <rtravis@EMSL.com>
Date: 9/23/16 12:19 PM (GMT-05:00)
To: EMSL Lab - Minneapolis <minneapolislab@EMSL.com>, "Baker, Andre" <Andre.Baker@tetrattech.com>, "Sullivan, George" <gsullivan@EMSL.com>
Subject: RE: EMSL report, COC for order(s) 351606864 (351606864 - Tocon Property Asbestos)

Hi Andre,
For this order ID 351606864 – can you please specify which samples numbers you want analyzed by TEM? They all have detectable fibers, but all are 0.001 f/cc.

Thank you,

**Rachel Travis** | *Laboratory Manager***EMSL Analytical, Inc.** | 14375 23rd Avenue North | Minneapolis, MN 55447

Phone: 763-449-4922 | Fax: 763-449-4924 | Toll Free: 866-736-4824

Lab Hours: Monday - Friday 8AM - 6PM, Saturday-Sunday On-Call

Some of the resources EMSL Analytical, Inc. offers to our clients:

[LABConnect](#) | [Order Products](#) | [Client Corner](#) | [Training](#) | [Additional Resources](#) | [Sampling Videos](#)

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From: EMSL Lab - Minneapolis**Sent:** Friday, September 23, 2016 10:48 AM**To:** Travis, Rachel**Subject:** FW: EMSL report, COC for order(s) 351606864 (351606864 - Tocon Property Asbestos)

See below

**Mackenzie Claypool** | *Administrative Assistant***EMSL Analytical, Inc.** | 14375 23rd Avenue North | Minneapolis, MN 55447

Phone: 763-449-4922 | Fax: 763-449-4924 | Toll Free: 866-736-4824

Lab Hours: Monday - Friday 8AM - 6PM, Saturday-Sunday On-Call

Some of the resources EMSL Analytical, Inc. offers to our clients:

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From: Baker, Andre [<mailto:Andre.Baker@tetrattech.com>]**Sent:** Friday, September 23, 2016 10:03 AM**To:** Sullivan, George; EMSL Lab - Minneapolis**Subject:** RE: EMSL report, COC for order(s) 351606864 (351606864 - Tocon Property Asbestos)

Hello,

Please Run TEM on ANY samples that have detected fibers with a 1 week TAT. Let me know if you have any questions.

Thank you!

From: EMSL (Minneapolis) [<mailto:minneapolislab@emsl.com>]**Sent:** Friday, September 23, 2016 10:51 AM**To:** Burns, Chris <chris.burns@tetrattech.com>**Cc:** Baker, Andre <Andre.Baker@tetrattech.com>; Cashmere, Jason <Jason.Cashmere@tetrattech.com>**Subject:** EMSL report, COC for order(s) 351606864 (351606864 - Tocon Property Asbestos)

Report, COC for order(s):

351606864 - Tocon Property Asbestos



EMSL Analytical, Inc.

14375 23rd Avenue North Minneapolis, Mn 55447

Tel/Fax: (763) 449-4922 / (763) 449-4924

<http://www.EMSL.com / minneapolislab@emsl.com>

EMSL Order: 351606930

Customer ID: TEHC25

Customer PO:

Project ID:

Attention: Chris Burns
Tetra Tech, Inc.
1 South Wacker Dr.
Suite 3700
Chicago, IL 60606

Project: Tocon Property Asbestos

Phone: (312) 201-7700

Fax:

Received Date: 09/26/2016 9:15 AM

Analysis Date: 09/26/2016

Collected Date: 09/23/2016

Test Report: Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	LOD (fib/cc)	Fibers/mm ²	Fibers/cc	Notes
1	TPA-S1-104-092316	9/23/2016	5337.22	11.5	100	0.001	14.6	0.001	
351606930-0001									
2	TPA-S2-105-092316	9/23/2016	5322.45	9	100	0.001	11.5	0.001	
351606930-0002									
3	TPA-SW-106-092316	9/23/2016	5369.53	6	100	0.001	7.64	0.001	
351606930-0003									
4	TPA-W2-107-092316	9/23/2016	5075.44	<5.5	100	0.001	<7.01	<0.001	
351606930-0004									
5	FB-108	9/23/2016		<5.5	100		<7.01		Field Blank
351606930-0005									

The results reported have been blank corrected as applicable.

Analyst(s):

George Sullivan PCM (5)

Rachel Travis, Laboratory Manager
or Other Approved Signatory

*Following EMSL Analytical SOP Asbestos and Other Fibers by PCM. Limit of detection is 7 fibers/mm². Intra-laboratory Sr values: 5-20 fibers = 0.35, 21-50 fibers = 0.30, 51-100 fibers = 0.20. The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. Results have been blank corrected as applicable. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc. Minneapolis, Mn

Initial Report From: 09/26/2016 15:39:30

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

EMSL ANALYTICAL, INC

6930

PHONE: ()
FAX: ()

Company : Tetra Tech Street: 1 S Wacker Drive City: Chicago State/Province: IL Report To (Name): Chris Burns and Andre Baker Telephone #: 312.201.7719 312.201.7760		EMSL-Bill to: <input type="checkbox"/> Same <input checked="" type="checkbox"/> Different If Bill to is Different note instructions in Comments** Third Party Billing requires written authorization from third party Zip/Postal Code: 60606 Country: United States Fax #: Email Address: Chris.burns@tetrattech.com Andre.baker@tetrattech.com	
Project Name/Number: Tocon Property Asbestos			
Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email		Purchase Order: U.S. State Samples Taken: Indiana	
Turnaround Time (TAT) Options* - Please Check			
<input type="checkbox"/> 3 Hour <input type="checkbox"/> 6 Hour <input checked="" type="checkbox"/> 24 Hour <input type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week			
<small>*For TEM Air 3 hr through 6 hr, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.</small>			
PCM - Air <input checked="" type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA PLM - Bulk (reporting limit) <input type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)		TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312 TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	
TEM - Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167) Soil/Rock/Vermiculite <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> EPA Protocol (Semi-Quantitative) <input type="checkbox"/> EPA Protocol (Quantitative)		Other: <input type="checkbox"/>	
<input type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group			
Samplers Name: Andre Baker		Samplers Signature:	
Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
1	TPA-S1-104-092316	5337.22	9/23/16
2	TPA-S2-105-092316	5322.45	9/23/16
3	TPA-SW-106-092316	5369.53	9/23/16
4	TPA-W2-107-092316	5075.44	9/23/16
5	FB-108		
6			
7			
Client Sample # (s): -		Total # of Samples: 5	
Relinquished (Client): <i>[Signature]</i>		Date: 9/23/16 Time:	
Received (Lab): <i>May pool FE</i>		Date: 9/26/16 Time: 9:15	
Comments/Special Instructions: PCM Sample has a 24 hr TAT ***NO TEM ANALYSIS UNLESS FIBERS DETECTED*** *** Please invoice Dennis Linley (dlinley@ctlaboratories.com) CT Labs and Copy Report			

8094 1344 8006



EMSL Analytical, Inc.

14375 23rd Avenue North Minneapolis, Mn 55447

Tel/Fax: (763) 449-4922 / (763) 449-4924

<http://www.EMSL.com / minneapolislab@emsl.com>

EMSL Order: 351606931

Customer ID: TEHC25

Customer PO:

Project ID:

Attention: Chris Burns
Tetra Tech, Inc.
1 South Wacker Dr.
Suite 3700
Chicago, IL 60606

Project: Tocon Property Asbestos

Phone: (312) 201-7700

Fax:

Received Date: 09/26/2016 9:15 AM

Analysis Date: 09/26/2016

Collected Date: 09/22/2016

Test Report: Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	LOD (fib/cc)	Fibers/mm ²	Fibers/cc	Notes
1	TPA-N1-104-092216	9/22/2016	5712.81	<5.5	100	0.0005	<7.01	<0.0005	
351606931-0001									
2	TPA-NE-105-092216	9/22/2016							Overloaded
351606931-0002									
3	TPA-W1-106-092216	9/22/2016	5664.54	7.5	100	0.0005	9.55	0.001	
351606931-0003									
4	TPA-W2-107-092216	9/22/2016	5398.40	16.5	100	0.0005	21.0	0.002	
351606931-0004									
5	FB-108	9/22/2016		<5.5	100		<7.01		Field Blank
351606931-0005									

The results reported have been blank corrected as applicable.

Analyst(s):

George Sullivan PCM (5)

Rachel Travis, Laboratory Manager
or Other Approved Signatory

*Following EMSL Analytical SOP Asbestos and Other Fibers by PCM. Limit of detection is 7 fibers/mm². Intra-laboratory Sr values: 5-20 fibers = 0.35, 21-50 fibers = 0.30, 51-100 fibers = 0.20. The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. Results have been blank corrected as applicable. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc. Minneapolis, Mn

Initial Report From: 09/26/2016 13:17:08



EMSL ANALYTICAL, INC.
LABORATORY-PRODUCTS-TRAINING

Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

6931

EMSL ANALYTICAL, INC.

PHONE ()
FAX: ()

Company : Tetra Tech		EMSL-Bill to: <input type="checkbox"/> Same <input checked="" type="checkbox"/> Different If Bill to is Different note instructions in Comments**	
Street: 1 S Wacker Drive		Third Party Billing requires written authorization from third party	
City: Chicago	State/Province: IL	Zip/Postal Code: 60606	Country: United States
Report To (Name): Chris Burns and Andre Baker		Fax #:	
Telephone #: 312.201.7719 312.201.7760		Email Address: Chris.burns@tetrattech.com Andre.baker@tetrattech.com	

Project Name/Number: Tocon Property Asbestos

Please Provide Results: ☐ Fax ☒ Email Purchase Order: U.S. State Samples Taken: Indiana

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☒ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

*For TEM Air 3 hr through 6 hr, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.

PCM - Air <input checked="" type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA PLM - Bulk (reporting limit) <input type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)	TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312 TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	TEM- Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167) Soil/Rock/Vermiculite <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> EPA Protocol (Semi-Quantitative) <input type="checkbox"/> EPA Protocol (Quantitative) Other: <input type="checkbox"/>
---	--	--

☐ Check For Positive Stop - Clearly Identify Homogenous Group

Samplers Name: Andre Baker

Samplers Signature:

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
1	TPA-N1-104-092216	5712.81	9/22/16
2	TPA-NE-105-092216	5604.80	9/22/16
3	TPA-W1-106-092216	5764.54	9/22/16
4	TPA-W2-107-092216	5398.40	9/22/16
5	FB-108		
6			
7			

Client Sample # (s): - Total # of Samples: 5

Relinquished (Client): *Andre Baker* Date: Time:

Received (Lab): *KYUWU FE* Date: 9/26/16 Time: 9:15

Comments/Special Instructions: PCM Sample has a 24 hr TAT ***NO TEM ANALYSIS***
 *** Please invoice Dennis Linley (dlinley@ctlaboratories.com) CT Labs and Copy Report

8094 1344 8028

**EMSL Analytical, Inc.**

14375 23rd Avenue North, Minneapolis, Mn 55447

Phone/Fax: (763) 449-4922 / (763) 449-4924

<http://www.EMSL.com>minneapolislab@emsl.com

EMSL Order: 351606948

CustomerID: TEHC25

CustomerPO:

ProjectID:

Attn: **Chris Burns**
Tetra Tech, Inc.
1 South Wacker Dr.
Suite 3700
Chicago, IL 60606

Phone: (312) 201-7700
Fax:
Received: 09/26/16 1:00 PM
Analysis Date: 9/29/2016
Collected: 9/22/2016

Project: **Tocon Property Asbestos**

Test Report: Asbestos Analysis of Air Samples by Transmission Electron Microscopy via NIOSH Method 7402

Sample	Volume (Liters)	Non Asbestos Fibers	PCM F/cc	Asbestos Type(s)	Asbestos Fibers	Asbestos % of total	7402 Adjusted (TEM) F/cc	Notes
3	5604.54	0.5	0.001			0	<0.0005	
351606948-0001								
4	5398.40	1	0.002			0	<0.0005	
351606948-0002								

NIOSH 7402 method only reports fibers > 5µm in length and > 0.25µm in width.

This method requires a minimum of 2 field blank analyses per set. The above results are not blank corrected

Average number of asbestos fibers on field blanks: n/a

Average number of non-asbestos fibers on field blanks: n/a

Analyst(s)

Mark Erickson (2)

Rachel Travis, Laboratory Manager
or other approved signatory

EMSL is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. The above report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL Analytical, Inc. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc. Minneapolis, Mn

Initial report from 09/30/2016 09:20:49

6948

Tetra Tech

Andre Baker

1 WK TAT

TEM 7402

Samples from original Emsl order 351606931:

TPA-W1-106-092216

TPA-W2-107-092216

K. Servis 9/26/16 1:00 pm

**EMSL Analytical, Inc.**

14375 23rd Avenue North, Minneapolis, Mn 55447

Phone/Fax: (763) 449-4922 / (763) 449-4924

<http://www.EMSL.com>minneapolislab@emsl.com

EMSL Order: 351606954

CustomerID: TEHC25

CustomerPO:

ProjectID:

Attn: **Chris Burns**
Tetra Tech, Inc.
1 South Wacker Dr.
Suite 3700
Chicago, IL 60606

Phone: (312) 201-7700
Fax:
Received: 09/26/16 2:40 PM
Analysis Date: 9/29/2016
Collected: 9/23/2016

Project: **Tocon Property Asbestos**

Test Report: Asbestos Analysis of Air Samples by Transmission Electron Microscopy via NIOSH Method 7402

Sample	Volume (Liters)	Non Asbestos Fibers	PCM F/cc	Asbestos Type(s)	Asbestos Fibers	Asbestos % of total	7402 Adjusted (TEM) F/cc	Notes
1 351606954-0001	5337.22	1.5	0.001			0	<0.001	
2 351606954-0002	5322.45	2	0.001			0	<0.001	
3 351606954-0003	5369.53	2.5	0.001			0	<0.001	

NIOSH 7402 method only reports fibers > 5µm in length and > 0.25µm in width.

This method requires a minimum of 2 field blank analyses per set. The above results are not blank corrected

Average number of asbestos fibers on field blanks: n/a

Average number of non-asbestos fibers on field blanks: n/a

Analyst(s)

Mark Erickson (3)

Rachel Travis, Laboratory Manager
or other approved signatory

EMSL is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. The above report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL Analytical, Inc. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc. Minneapolis, Mn

Initial report from 09/30/2016 09:26:12

6954

Gerrits, Krista

From: Gerrits, Krista
Sent: Monday, September 26, 2016 2:49 PM
To: 'Andre.Baker@tetrattech.com'
Cc: Sullivan, George
Subject: Tocon Property TEM

Good afternoon,

Fibers were detected in the following samples:

TPA-W1-106-092216

TPA-W2-107-092216

TPA-S1-104-092316

TPA-S2-105-092316

TPA-SW-106-092316

Original
EMSL
Order

351606930

KLG 9/26/16

We will proceed with a TEM 7402 analysis at a 1 week TAT, unless instructed otherwise. Thank you,



Krista Gerrits | Administrative Assistant

EMSL Analytical, Inc. | 14375 23rd Avenue North | Minneapolis, MN 55447

Phone: 763-449-4922 | Fax: 763-449-4924 | Toll Free: 866-736-4824

Lab Hours: Monday - Friday 8AM - 6PM, Saturday-Sunday On-Call

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EMSL Analytical, Inc.

14375 23rd Avenue North Minneapolis, Mn 55447

Tel/Fax: (763) 449-4922 / (763) 449-4924

<http://www.EMSL.com / minneapolislab@emsl.com>

EMSL Order: 351607015

Customer ID: CTLA62

Customer PO: 122391 EMSL-MN

Project ID:

Attention: Brett Szymanski
CT Laboratories
1230 Lange Court
Baraboo, WI 53913-3109

Phone: (608) 356-2760

Fax: (608) 356-2766

Received Date: 09/28/2016 9:40 AM

Analysis Date: 09/29/2016

Collected Date: 09/22/2016

Project: TOCON ASBESTOS

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
778648	TPA-BACKFILL-0922	Brown		100% Non-fibrous (Other)	None Detected
	16	Non-Fibrous			
351607015-0001		Homogeneous			

Analyst(s)

Miles DeBusso (1)

Rachel Travis, Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Reporting limit is 1%

Samples analyzed by EMSL Analytical, Inc. Minneapolis, Mn NVLAP Lab Code 200019-0

Initial report from: 09/29/2016 17:16:40

7015

CT LABORATORIES

delivering more than data from your environmental analyses

1230 Lange Court • Baraboo, WI 53913 • 608-356-2760
www.ctlaboratories.com

Sub-Contract Laboratory Chain-of-Custody and Purchase Order

PURCHASE ORDER # 122391 EMSL-MN

The PO# must appear on all invoice and reports!

Upon Receipt of Samples, please verify that samples were received in acceptable condition then sign this form and fax to (608)356-2766 or email to the project manager. Sample temperature, upon receipt, must be recorded on this document unless thermal preservation is not a method requirement.

Ship to: **EMSL - MN**

14375 23rd Avenue North
Minneapolis, MN 55447

Return Invoice and Results to: **bszymanski@ctlaboratories.com**

CTLaboratories
Brett M Szymanski
1230 Lange Court
Baraboo WI 53913

Date Due: 48-Hour TAT **RUSH TURNAROUND NEEDED?** Y or N (Circle One)Project Name: TOCON ASBESTOS Project State: INAnalytical/QC Criteria: NONE INDICATED STATE DOD QSM NELAP (Circle one) OTHER EPAReport results as EDD? (N) Y (Circle one and indicate type: _____) Data Deliverable Package LEVEL: _____

CTLabs ID#	Sample Date/Time	Matrix	Sample Description	Analyses / Method	Cost
778648	09/22/2016 1500	SOIL	TPA-BACKFILL-092216	ASBESTOS - PLM (EPA 600/R-93/116)	

Relinquished by: Brett Szymanski Date/Time: 09/27/2016 15:30Received by: McClaypool VPS Date/Time: 9/28/16 9:40A Receipt Temperature (C) _____

12 1A3 77E 01 4263 42 72

COMMENTS:

REPORT ALL SOLIDS ON A DRY WEIGHT BASIS UNLESS OTHERWISE INDICATED



EMSL Analytical, Inc.

14375 23rd Avenue North Minneapolis, Mn 55447

Tel/Fax: (763) 449-4922 / (763) 449-4924

<http://www.EMSL.com / minneapolislab@emsl.com>

EMSL Order: 351607194

Customer ID: TEHC25

Customer PO:

Project ID:

Attention: Chris Burns
Tetra Tech, Inc.
1 South Wacker Dr.
Suite 3700
Chicago, IL 60606

Project: Tocon Property Asbestos

Phone: (312) 201-7700

Fax:

Received Date: 10/05/2016 9:35 AM

Analysis Date: 10/06/2016

Collected Date: 09/26/2016

Test Report: Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	LOD (fib/cc)	Fibers/mm ²	Fibers/cc	Notes
1	TPA-W2-118-092616	9/26/2016	3974.10	<5.5	100	0.001	<7.01	<0.001	
351607194-0001									
2	TPA-N1-115-092616	9/26/2016	2831.13	<5.5	100	0.001	<7.01	<0.001	
351607194-0002									
3	TPA-W1-117-092616	9/26/2016	3787.14	<5.5	100	0.001	<7.01	<0.001	
351607194-0003									
4	TPA-NE-116-092616	9/26/2016	3253.46	<5.5	100	0.001	<7.01	<0.001	
351607194-0004									
5	FB	9/26/2016		<5.5	100		<7.01		Field Blank
351607194-0005									

The results reported have been blank corrected as applicable.

Analyst(s):

George Sullivan PCM (5)

Rachel Travis, Laboratory Manager
or Other Approved Signatory

*Following EMSL Analytical SOP Asbestos and Other Fibers by PCM. Limit of detection is 7 fibers/mm². Intra-laboratory Sr values: 5-20 fibers = 0.35, 21-50 fibers = 0.30, 51-100 fibers = 0.20. The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. Results have been blank corrected as applicable. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc. Minneapolis, Mn

Initial Report From: 10/06/2016 10:29:49



EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRAINING

Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

EMSL ANALYTICAL, INC

7194

PHONE: ()
FAX: ()

Company : Tetra Tech Street: 1 S Wacker Drive City: Chicago State/Province: IL Zip/Postal Code: 60606 Country: United States Report To (Name): Chris Burns and Andre Baker Telephone #: 312.201.7719 312.201.7760 Email Address: Chris.burns@tetrattech.com Andre.baker@tetrattech.com		EMSL-Bill to: <input type="checkbox"/> Same <input checked="" type="checkbox"/> Different If Bill to is Different note instructions in Comments** Third Party Billing requires written authorization from third party	
Project Name/Number: Tocon Property Asbestos Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email Purchase Order: U.S. State Samples Taken: Indiana			
Turnaround Time (TAT) Options* - Please Check <input type="checkbox"/> 3 Hour <input type="checkbox"/> 6 Hour <input checked="" type="checkbox"/> 24 Hour <input type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week <small>*For TEM Air 3 hr through 6 hr, please call ahead to schedule *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.</small>			
PCM - Air <input checked="" type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA PLM - Bulk (reporting limit) <input type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)		TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312 TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	
TEM - Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167) Soil/Rock/Vermiculite <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> EPA Protocol (Semi-Quantitative) <input type="checkbox"/> EPA Protocol (Quantitative) Other:			
<input type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group			
Samplers Name: Andre Baker		Samplers Signature:	
Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
1	TPA-W2-118-092616	3974.10	9/26/16
2	TPA-N1-115-092616	2831.13 AB	9/26/16
3	TPA-W1-117-092616	3787.14 AB	9/26/16
4	TPA-NE-116-092616	3253.46 AB	9/26/16
5	FB		
6			
7			
Client Sample # (s): -		Total # of Samples: 5	
Relinquished (Client):		Date: Time:	
Received (Lab): Mclungpool FE		Date: 10/5/16 Time: 9:35	
Comments/Special Instructions: PCM Sample has a 24 hr TAT ***NO TEM ANALYSIS UNLESS FIBERS DETECTED*** *** Please invoice Dennis Linley (dlinley@ctlaboratories.com) CT Labs and Copy Report			